



cesip

# INTERNSHIP REPORT 2022



Chalmers Engineering Student  
Internship Program



# What is CESIP?

**C**ESIP, Chalmers Engineering Student Internship Program, is a non-profit student-run organization at Chalmers University of Technology, in Gothenburg, Sweden. It is, in its current form, the result of a merger of CETAC and AMCIP, which both were founded over 50 years ago.

Our mission is to bring well-educated

Swedish students and high-tech North American companies together. Over the years our program has made it possible for thousands of students to gain practical experience with companies such as Google, Microsoft and NASA, just to name a few.

One of our primary goals is to foster international business cooperation. Therefore, we make sure to only bring

highly motivated and technically skilled students to the participating companies. With a different perspective, fresh ideas, and burning interest we are sure to make solid and memorable contributions.

This cultural exchange is also of great benefit to both parties. Consequently, many of the companies working with CESIP has been doing so for years.





A wide-angle photograph of the Niagara Falls, showing the massive volume of water cascading over the rocky ledge. The sky is a vibrant blue with scattered white clouds. In the foreground, a small tour boat with a red roof is visible on the turbulent water. The surrounding landscape includes green grassy banks and distant trees.

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Chalmers University of Technology  
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# Apply to CESIP

**A**n internship in North America does not only offer students valuable work experience, but also insight into different cultures. Excellent English communication skills are also highly sought after, and often a necessity. These are all qualities you will gain as a member of CESIP.

CESIP encourages all motivated students who are enrolled at a five-year engineering program and wish to get a little extra out of their studies, to apply as members.

The duration of CESIP internships usually stretches from eight weeks to a year. The host companies vary greatly in size and area of business, and the work assignments will of course vary depending on the intern's field of study. CESIP, which has been active for more than 55 years, consists of 31 students at Chalmers University of Technology, of which 22 are members and 9 are board members. The board is responsible for the overall management of the organization in addition to the specific tasks for each position. The application period for internships starting the sum-

mer of 2024 will be either late spring or early autumn 2023.

Prior to your internship you will be active within the organization for one year, helping CESIP in both finding and funding the internships you will later apply to. This is an exciting year where you will get to know students from all over Chalmers as well as prepare yourself for your upcoming internship.

**CHALMERS ENGINEERING  
STUDENT INTERNSHIP PROGRAM**

## Who can apply?

Students at any of the five-year programs at Chalmers University of Technology. You must have accrued at least 120 credits and have completed your bachelor thesis before beginning your internship. This means you'll apply to CESIP during your second or third year at Chalmers.

Don't hesitate to visit our website at [www.cesip.se](http://www.cesip.se) or contact us at [contact@cesip.se](mailto:contact@cesip.se) for more information.



# The president speaks

**W**hen the rest of the board members and I were appointed in March 2021 it was really uncertain times with an ongoing pandemic, but we were still hopeful. This was the second year CESIP was run as “CESIP” after being merged from previous internship organizations CETAC and AMCIP, so a lot of our focus was on establishing the new name on campus and towards the public.

Even though we had restrictions to adapt to, we still managed to carry on the year as a regular year with a team-building trip to Stockholm, celebrating thanksgiving with the alumni, and other activities planned by our talented event coordinator. Overall, it was a really great year, getting to know lots of new people from different programs at Chalmers, getting the experience from sitting in a board and participating in all traditions inherited from CETAC and AMCIP.

I would like to thank all of CESIP members and board members who worked tirelessly throughout the year even though our chances of traveling remained at risk with the changing restrictions. I would especially like to thank our persistent internship coordinators who managed to find internships for all of us, despite the fact that a lot of companies were hesitant to host due to the pandemic, and our ambitious editor for helping out and contributing to several aspects outside of the regular responsibilities of the role.

It has been a lot of challenges during the year as well, but in the end we got an amazing reward - to actually get to travel, experience the US and gain real work experience. I would recommend everyone to apply to CESIP. It's quite a unique organization that provides you with a unique opportunity. Now, I want to wish the best of luck to the new board and members of CESIP. I hope you all enjoy this year and your upcoming internships in the US!

**TUSS ANZELIUS**  
**PRESIDENT, CESIP 2022**

Photo: I-Bild





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# Voices of Support

**A**t Chalmers our vision, Chalmers for a sustainable future, permeates all our activities. This requires us to be both locally and globally connected and engaged. Consequently, international networking, collaboration and exchange are key priorities in education, research and innovation.

Chalmers alumni will have their future careers in diverse and internationally connected companies and organiza-

tions. Hence, developing and supporting activities providing Chalmers' students with international outlook, as an integrated part of their education, is essential.

CESIP is a student led organization providing Chalmers' students with the possibility to gain international and industrial experience through an internship period at a company in the US or Canada.

The organization committee is depend-

ent on support from companies and other organizations to make the program a continued success. The program is an important factor in providing opportunities for international experience to Chalmers' students and I fully support the Chalmers Engineering Student Internship Program.

**STEFAN BENGTTSSON**  
**PRESIDENT AND CEO,**  
**CHALMERS UNIVERSITY**  
**OF TECHNOLOGY**

## About Chalmers

Chalmers University of Technology located in Gothenburg, Sweden, is a private, non-profit, university, owned by the Chalmers University Foundation. Chalmers focuses on research and education in a broad range of engineering disciplines, natural sciences, architecture, maritime and technology management and economy. Across its two campuses, Chalmers has some 11 000 students and 3000 employees and offers education, from bachelor's level to master's and doctoral degrees, in engineering, science, shipping and architecture.

Chalmers, today ranked among the top 100 engineering universities in the world, was founded in 1829 as a result of a donation from the director of the Swedish East India Company, William Chalmers. His motto always remains: Avancez!









# Words from the Canadian Ambassador

**I**n 2023, Canada and Sweden will celebrate the 80th anniversary of our bilateral diplomatic relations. Our ties are today stronger than ever thanks to our shared values, extensive people-to-people ties, and significant business, research, academic, and civil society connections.

There couldn't be a better moment to choose Canada as your internship destination!

Just like Sweden, Canada has a world-leading innovation landscape, supported by advanced research, high-quality education systems, rich creativity, and an entrepreneurial spirit. We have many innovative and creative firms of all sizes that are at the forefront of global leading innovations in clean-technologies, artificial intelligence, forestry, mining, transportation, life sciences, and advanced manufacturing. And we have the strategic assets – the renewable energy, the critical minerals, and the talent – to lead the

world's green and digital transition. In 2019 there were about 190 Swedish companies operating in Canada, employing over 43,000 Canadians and contributing to Canada's innovative and competitive landscape. These companies operated mainly in the professional, scientific and technical services and manufacturing sectors.

In Canada, a country where one out of five is foreign-born, diversity is our strength. Alongside the three founding peoples of Canada – Indigenous, British and French – people from all over the world have helped build our country. There are now no less than 250 ethnic origins in the country, and close to 350,000 Canadians self-identify as being of Swedish origin. This diversity provides our country a competitive edge and a source of ongoing creativity and innovation.

Canada recognizes that in a highly competitive, knowledge-based global economy, ideas and innovation go

hand in hand with job creation and economic growth. It also recognizes that international education is at the very heart of our country's current and future prosperity. In 2021, close to 390,000 international students selected Canada as their location of choice for a top education and enrolled in one of our higher education institutions.

Canada and Sweden regularly top the world rankings when it comes to quality of life. By choosing to do your internship in Canada, you are choosing to experience one of the safest, most welcoming and multi-cultural societies in the world with world class cities, exceptionally beautiful natural scenery, and a vibrant cultural life.

Welcome to Canada! Bienvenue au Canada!

**JASON LATORRE**  
**AMBASSADOR OF CANADA**  
**TO SWEDEN**







# Sandvik Group

**S**andvik is a high-tech engineering group with world-leading positions in fields such as machining, mining, rock excavation and rock processing, where we provide equipment, tools, services and digital solutions. We combine a vast experience in design and manufacturing with advanced software capabilities, enabling us to develop productivity-enhancing digital manufacturing solutions and be at the forefront in areas such as mining automation and electrification.

With around 39,000 employees and operations in about 150 countries in 2021, we are a truly global company. We thrive on solving challenges for our customers and are deeply committed to our purpose of making the shift and advancing the world through engineering. In 2021 we had revenues of around SEK 86 billion within continuing operations and about SEK 3.5 billion was invested in Research & Development. We hold approximately 5,500 active patents.

Sandvik's objectives are clear. We are driven by our passion to continuously innovate smarter solutions and enable important shifts. We want to spearhead the sustainability shift and be a leader in digital solutions in our industries.

To achieve our ambitions, our employees are at the very core. A highly skilled staff with international experience is crucial for us to be an industry leader and build the strongest global Sandvik culture that can be. Therefore we fully support the Chalmers Engineering Student Internship Program, as it provides an opportunity to gain some of the international experience that is so important to have.

**STEFAN WIDING**  
PRESIDENT AND CEO,  
SANDVIK GROUP







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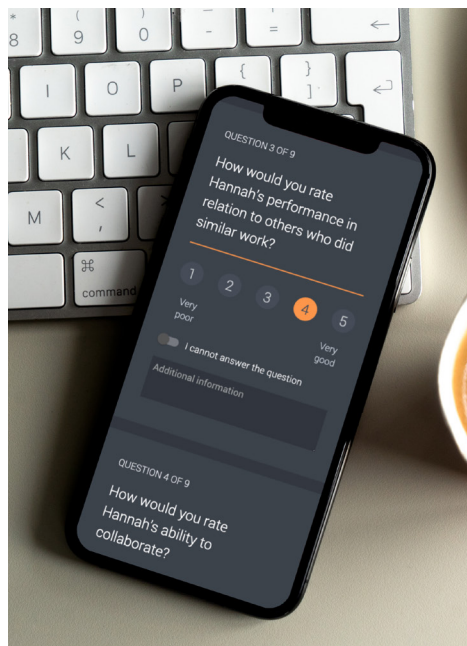
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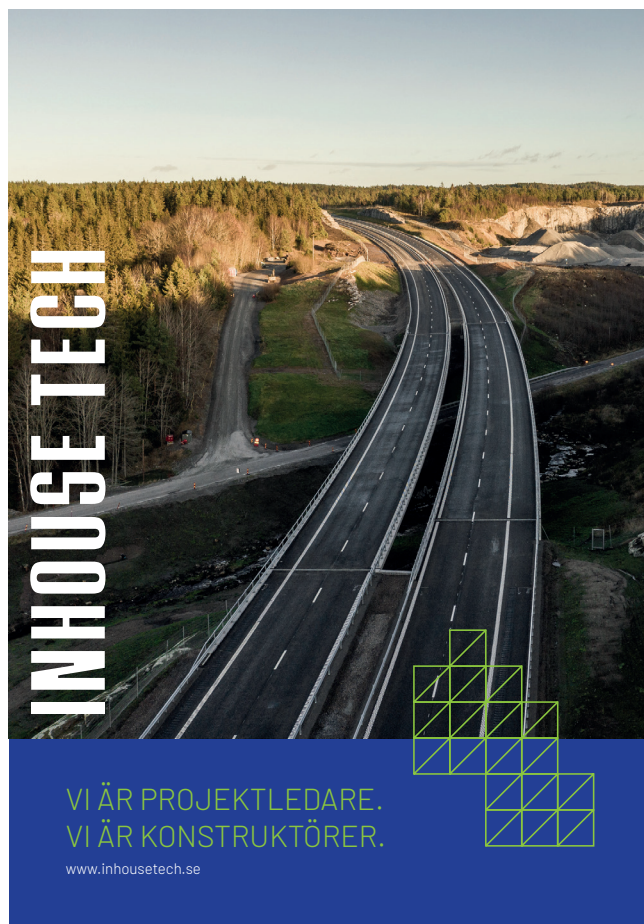
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# Stories from our current interns

20 travel stories from our  
interns who are currently in  
North America.







# Albin Widengård

**I**n last year's catalogue, I told you about the complicated path I had to take to get to the US. Now, a year later, I can ask myself the question: "Was it worth it?". Without a doubt! The year in the US was rewarding in lots of ways and it is a year I will never forget.

I arrived in San Diego in the end of September last year and started working just a few days later. The first time in the US was probably the most challenging. I jumped between different Airbnb's for almost a month before I finally found a place to stay. In the end, it was worth it, since I found a place only two blocks from the beach in popular Pacific Beach, just a few minutes from the office.

The company Parsa and I worked for is called IOWN Renewable Energy. It was founded by a Swedish guy eight years ago who is currently the CEO, Hans-Christian Schulze. The main role of the company is to develop renewable energy projects. I was the first ever engineering intern with IOWN and during my time there, I had the opportunity to work on several different

tasks with the primary one being the so-called "Greenfield Effort" we started this spring. Greenfielding is basically when you try to find new projects to develop, so the work consisted of tons of market and siting analysis. Even though the internship itself did not have as much of an engineering approach as I had hoped, it was extremely rewarding to work in this environment and learn how a company like this functions.

## IOWN Renewable Energy Inc.

Founded: 2014  
Number of employees: 25

**Office location**  
San Diego, CA

**Website**  
[iownrenewable.com](http://iownrenewable.com)

The company also arranged numerous activities and trips for the employees,

where the best one was the ski trip to Mammoth, CA. Also, the people at IOWN are wonderful. It is a progressive company that has employees with lots of different nationalities and they have won numerous workplace awards. I will miss them.

I did my best to use the valuable time off work to explore California and the US in general. I was able to visit as much as nine of the western states, by going on several road trips with family and friends. On one of them, Parsa and I flew up to Seattle, WA, and then drove all the way to Yellowstone, WY, and back. It was a very intense trip as we drove around 3000 km in less than a week, but it was well worth it! We were able to see Seattle, Glacier national park, Yellowstone national park and the Grand Teton national park, to mention a few. I will never forget how scared of bears we were when hiking through Yellowstone's forests all alone. Luckily, we only saw the grizzly from a distance!

I also had my family over during the holidays and I was able to show them San Diego. We also went on a road trip through California, Nevada, Utah and





## Albin Widengård

### Area of study

Engineering Physics

### Best Memory

Hiking in Yosemite with my friends visiting from Sweden.

### Worst Memory

Looking for a place to stay for the first month.

Arizona, where we visited LA, Vegas, Zion national park, Bryce Canyon national park and more. My time in the US ended with a bang. My high school friends flew over for a two week long road trip. Eating the best breakfast burrito ever in downtown LA, exploring San Francisco, swimming in the crystal-clear blue waters of Lake Tahoe, hiking in the mountains of Yosemite national park, partying and gambling in Las Vegas, visiting the Grand Canyon and playing spikeball on the beach in San Diego are some of the things we managed to do on our 5200 km road trip. Best. Trip. Ever.

When being a member of CESIP, except getting the chance of applying for internships in the States or Canada, there will be fun group activities, like the Zoom beer tasting and the evening at the boule bar in Gothenburg we did last year.

Lastly, I want to encourage anyone thinking of taking a sabbatical year to do it. It will be something you will neither forget nor regret. Have a good one,

ALBIN WIDENGÅRD







# Alfred Vidén

**I**t has been a minute since I got back to Sweden after spending a few months, working, living and traveling in the US. As I am writing this I can hear the sound of rain against my windows and looking out I can see trees covered in colourful leaves. Fall has come to Sweden and I cannot help but to think back to the blue skies, warm weather and beaches of SoCal that I miss so badly!

## PACE

Founded: 1987  
Number of employees: 70

**Office location**  
Fountain Valley, CA

**Website**  
[pacewater.com](http://pacewater.com)



I first arrived in California, more specifically Orange County, in November and was instantly met by a sun that as a Swede I felt so much appreciation for. The California scene is exactly what you would expect. Palm trees, long beaches and tanned people on surfboards everywhere. The state of California is not the biggest state, but still huge and to give a size comparison it is almost the size of Sweden. I wanted to discover as much as possible and quickly began looking at getting myself a car to use during my internship. Everyone has a car in the US and so naturally it did not take me long to find one for myself.

CESIP is not solely about finding an internship for yourself, but it is also a community. I have met so many great people through this organization that I would not have met otherwise. Because of COVID there were not that many of us from my year that made it to the US initially. At the time when I made it across the Atlantic and arrived on the west coast, there were only three of us from CESIP in the US. Luckily, we were all on the same coast. Because of the time difference it was big relief to have the other guys, Petter and Albin,



## Alfred Vidén

**Area of study**  
Civil Engineering

**Best Memory**  
Golden sunsets by the beach!

**Worst Memory**  
Having my car break down every other day...

there when questions inevitably arose. Me and Albin explored SoCal together since his internship was close by in San Diego and only an hour away. We used our newly bought cars to get around the crazy traffic and was in the beginning of spring joined by Parsa who also





was situated in San Diego. The four of us planned a weekend in Los Angeles that was super fun and I also ended up visiting Petter up in San Francisco. My time in the US definitely would not have been the same without the people I got to know through CESIP before leaving Sweden!

Even though traveling and exploring is what I spent my weekends doing, my main purpose in OC was my internship at PACE, short for Pacific Advance Civil Engineering. PACE is a water management company that has its main office in the city of Fountain Valley. The company offers advanced water resource services by applying knowledge, creativity and innovative design approaches to develop aesthetic, environmentally sustainable, and practical engineering solutions. The three main departments at PACE are Environmental, Recreational and Stormwater but

they do have GIS engineers as well. As an intern at the company, I was mainly assigned to the Stormwater management department where I spent time working with many different managers, engineers and designers. My everyday tasks differed a lot, which I very much appreciated. That let me get a feel for and learn as much as possible during the internship. As an intern at PACE you have the possibility to improve your skills in many different fields. One thing I spent a lot of time with at the Stormwater management department is flood control analysis and design of open space to prevent flooding. The company is recognized as leading experts in this important field.

Something that I would really like to highlight with PACE is the way they really take care of and provide more for their employees than just a workplace. There is always some activity

every week at the company, some are recurring every week and some every year. Every Wednesday PACE organizes a yoga class for all its employees, back in February they threw a Super Bowl lunch including food and games and when summer came around there was the option to every other week bike to the beach and have lunch. I would like to thank everyone at PACE for taking such good care of me and giving me such a great experience in OC!

Going to the US by myself for an internship definitely made me grow and develop as a person. I gained a ton of knowledge, new friends and according to my roommate a true American west coast accent. I do not know if that is good or bad but I know that I do miss the golden sunsets in SoCal.

**ALFRED VIDÉN**





# Alva Stöckel & Emil Alexsson

**I**n between the Appalachian mountains and the beaches on the east coast of North Carolina lies the city of Greensboro, a small town that none of us had heard about before moving here. Half a year later we have gotten to know this small town that, aside from being the center of Volvo Trucks in North America, offers plenty of opportunities to explore the amazing nature of North Carolina as well as local events with its southern charm.

Our names are Alva and Emil and we are doing an internship at ALTEN Technology in North Carolina for one year. When we first thought about how our internships would turn out we had no idea how great it would be in a couple of months. All CESIP members met at the “musikflotten” in June 2021 to celebrate our kick-off and we started to dream about finally coming to North Carolina. After months of waiting because of the pandemic, Alva decided to go to Brussels to get her visa which finally got her to Greensboro. Emil waited until the embassy in Stockholm opened and arrived a few months later. It was frustrating not knowing when or even if we would get our visas in the

foreseeable future, but we both agreed that it was well worth the wait!

## ALTEN Technology

Founded: 1996  
Number of employees: 130

**Office location**  
Greensboro, NC

**Website**  
[altenusa.com](https://altenusa.com)

ALTEN is one of the world's biggest consulting firms worldwide and the biggest supplier of engineers/consultants to Volvo. In Greensboro, XDIN started in 1996 and became a part of ALTEN a few years ago. The office is located just a couple of minutes from Volvo Trucks North America's headquarters and about half of the consultants in the office are working directly towards Volvo Trucks. The engineers working with projects for Volvo are working with for example chassis and powertrain, electrical harnesses and pneumat-

ic systems or cab and interior design. In other words, there is a very broad spectrum of expertise at the office since the engineers are basically working on all parts of the trucks. The other half of the engineers that are not working



## Alva Stöckel

**Area of study**  
Industrial Engineering and Management

**Best Memory**  
Celebrating Midsommar with co-workers and friends.

**Worst Memory**  
Finding a cockroach in the kitchen while cooking.



for Volvo are also working with very exciting companies in the automotive, aerospace and railway industry among others.

XDIN inc. started as a Swedish company and the Vice President, the Technical Director and a lot of the consultants in the office are Swedish so some of the most important Swedish traditions are present here, like for example Fika every Thursday! It is exciting to be in a big and diverse company like ALTEN since you get to see what is going on in a lot of different projects and also meet a lot of people from all over the world. Aside from Swedish and American coworkers we have also worked with people from the UK, Mexico and France to name a few which gives more perspectives on how it is to live in the US compared to other countries.



## Emil Alexsson

### Area of study

Industrial Engineering and Management

### Best Memory

Celebrating Midsommar with co-workers and friends.

### Worst Memory

Finding a cockroach in the kitchen while cooking.

Since our education and experiences are different, we have had different roles at ALTEN. Alva has been working as a Project Controller and Emil as a Mechanical Engineer. Emil has been working mostly with CAD and learnt how the complete cycle from idea to released product works at Volvo while



Alva has been working closely with the technical direction by monitoring and controlling the ongoing projects. It has been such an invaluable experience to finally use the knowledge from our studies and at the same time get to see the American working culture, even though there are also some hints of Swedish culture here as well as mentioned before.

We have been sharing an apartment in downtown Greensboro which is located just by the baseball arena where there are games a couple of times a week that always ends with a lot of fireworks! In downtown Greensboro there are often things going on like festivals, fairs and of course big celebrations for Fourth of July every year. This year we celebrated one of the Americans favorite holidays by barbecuing with some friends, followed by walking around the festivities downtown and ended the day by looking at a baseball game with the following fireworks from a rooftop pool.

The summer here has been long, hot and humid, but it is a huge plus that a lot of apartment complexes here have pools which is a great place to spend

the weekends or even evenings after work. The long summers are perfect for traveling to nearby beaches over the weekend if you do not want to spend time in the city. In North Carolina it is hard to get around without a car but thankfully ALTEN has helped us and lent each of us a car to use how we want during our internships. It has been so helpful to be able to explore nearby places and take longer trips during weekends. Greensboro is great for everyone; within a short driving distance you can get to both the mountains and the beach. There are a lot of hiking and biking trails, so we have not had time to explore them all, but the nature here is great for walking around in, camping or just admiring the view. Since Greensboro is in the middle of North Carolina it is also only an hour and a half drive to bigger cities like Charlotte and Raleigh where there is almost always something going on. For example, Charlotte has got a NBA, NFL team as well as an MLS team and a lot of concerts happening while in Raleigh you can watch NHL hockey. North Carolina is also considered the home of Nascar so there are plenty of opportunities to watch races at Charlotte Motor Speedway.



Aside from its nature, North Carolina is known for its local breweries and food truck culture and within a walking distance from our apartment there are at least 6 different breweries that have theme nights and live music all evenings of the week. There you can find all sorts of locally produced IPA's, ales, wheat beers and lagers while enjoying everything from a greasy burger to a fresh bowl from the food truck of the night. For the full brewery experience, you need to join the yearly trip to Asheville which is a small city in the Blue Ridge Mountains which gathers tourists from all over the US to enjoy the fantastic mountain views and some of the over 40 (!) breweries that are located there. Emil did this trip with a couple of coworkers this year and we rented a beautiful house with a stereotypical big porch facing the valley for a long weekend. Waking up to the view and the humid heat each morning is a memory I will carry for a long time. On our way home we took the opportunity

to drive along parts of the Blue Ridge Parkway which is a 754-kilometer-long twisting road in the mountains with plenty of parking spots along the way to stop and take in the view. We traveled along it all the way to one of the mountain peaks which was a nice half an hour hike to the top. I let the picture of the view speak for itself.

There are plenty of activities to do during the weekdays as well. ALTEN employees arrange activities such as soccer, disc-golf and after-works which was very appreciated by both of us when we first started to get to know people. There is an activity for everyone, all you need to do is to join one of the WhatsApp-groups and you are in! ALTEN also arranges a yearly event where consultants from all over the US get to meet for team building, activities and just to have fun. Due to covid it has been a break for a couple of years but this year the event was finally back. The trip this year went to Washington D.C.,

and it was a blast. We lived right by the monuments with a 15-minute walk to the White House and another half an hour to the United States Capitol. On Saturday evening, the whole company took a dinner cruise in the river passing through the city.

As this travel report is written, fall has just started which is considered North Carolina's best season by many American friends since the humidity drops while the temperature stays pleasant. Because of the massive vegetation here, the fall season also offers beautiful scenery with sparkling red leaves which is best experienced in the mountains. Therefore, the next planned trip is to the Blue Ridge mountains! We look forward to the milder weather after a nice hot summer and hope to get to see more of the state and the rest of the country in the coming months.

**ALVA STÖCKEL &  
EMIL ALEXSSON**





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# Andreas Helgesson & Max Johansson

“Two yutes” in the Rocket City. Here, among the rolling hills below the southernmost tips of the Appalachians, Max and I will spend a year developing state of the art aircraft arresting systems. Here, in the Yellowhammer state, where country music and non-stop sermons are constantly roaring out over the radio channels.

Kicking off our year in America, Max and I flew to Washington D.C. where we met up with Tuss and Ludvig, currently interning at NVI Inc., and Casper coming up to visit from his internship at Rema Tip Top in Georgia. Though I doubt Casper had any issues with the heat coming from Georgia, Max and I did struggle in the 100°F, 100% humidity weather, coming from the cool Swedish west coast. As per Ms. Leslie Knope’s hot, pun intended, take on D.C. “I saw twenty-four historical sites in a day and it’s a hundred and twenty degrees out with two hundred percent humidity because this is a stupid swamp town”.

Nonetheless, our days in D.C. were eventful, albeit not quite up to the lev-

els of Ms. Knope. National Museum of American History, Smithsonian American Art Museum, National Museum of African American History and Culture, the Lincoln Memorial, the Washington Monument, the White House and, to top it all off, a guided tour of the United States Capitol.

## ATECH Inc.

Founded: 2005  
Number of employees: 20

**Office location**  
Huntsville, AL

**Website**  
[atecharrestors.com](http://atecharrestors.com)

Continuing our travels to our final destination of Huntsville, the Alabama weather gave our heat weary bodies no relief, though we were slowly but surely acclimatising. Regardless, we went straight to work sorting out all the practicalities. Bank accounts, social security numbers, and a car and everything that goes along with that. Let me tell you, insuring a car as twenty-something-



## Andreas Helgesson

**Area of study**  
Industrial Engineering and Management

**Best Memory**  
Guided tour of the United States Capitol.

**Worst Memory**  
Being refused a rental car in D.C. although booking months in advance.

year-olds, with no US issued id or driver’s licence, is NOT cheap. Anyway, we finally settled on a Volvo, so it has come over from Gothenburg just like the two



of us. A big thank you to Brad Short for helping us out with buying it. Now, we did also thank Brad with a basket of traditionally home baked Swedish cinnamon buns as it, sadly, seems the American people are yet to be blessed with the tradition of Swedish fika. He appreciated it greatly.

Moving on, Huntsville is home of the Marshall Space Flight Center. There, NASA designed much of the Saturn V rocket which took Buzz and Neil to the Moon some fifty-odd years ago, hence the city's nickname. Today, Huntsville is still dominated by the space and the defence industry, of which the latter includes ATECH Inc.

ATECH manufactures aircraft arresting systems, BAK12, used to safely stop jet fighters when the aircraft is unable to break itself. As operations intern, I have helped improve the company's ERP system and I am currently working on compliance with soon-to-come Department of Defense imposed regulations regarding cyber security.

Now, over to Max.



## Max Johansson

### Area of study

Industrial Engineering and Management

### Best Memory

Guided tour of the United States Capitol.

### Worst Memory

Being refused a rental car in D.C. although booking months in advance.



For me, I have been out in the production for most of the time so far. I have helped with putting together assemblies for both the BAK-12 and the MAAS (Mobile Aircraft Arresting System). In this way I have gained more knowledge of the systems and seen how they work in the production. We have also run several tests for the MAAS trailers, to see everything works properly.. Further on, when one of the projects is done, I will also start to work more with drawings. Old drawings need to be updated, measurements need to be updated and I will also draw new models in CAD for a tube system.

Even if I have been here for a while now it is still surreal that this will be the

reality for one year. The classic phrase "Sweet home Alabama" has never been more suitable than now. The first time here in Huntsville has been really good and there are a lot of differences to Sweden, which I mostly find fun. During the weekends, I have hung out on the Topgolf driving range, tried some competitive shooting, enjoyed the nightlife of Huntsville and went on some day trips which I will now tell you more about.

One weekend Andreas and I took a day trip to Chattanooga in Tennessee in the foothills of the Appalachian mountains which offers beautiful scenery. We went to one of the outlooks of the city and enjoyed our time with a really good



view. We also took some time driving around the pond positioned up there in the mountains before finishing the trip with some traditional american food at Cracker Barrel. Further on it may be a trip to Memphis and the home of Elvis Presley, Graceland and some other places along the way.

The weekend after that, Casper visited us and we paid a visit to the US Space and Rocket Center here in Huntsville. I can highly recommend it, showcasing rockets and learning more about the history of developing rockets from the town where the space program all began. Later that weekend we also tried out shooting at a shooting range, coming one step closer to being an American. It feels like nearly everyone I have talked with so far owns a gun, which as a swede feels kind of strange for sure.

Overall I am sure the year here in Alabama will be a really good time, hopefully experiencing a lot of different things, such as big sporting events,

travelling to other places, meeting up with nice people, enjoying the nightlife and finding out more about American culture. Some big trips in mind is, Florida, California, New York and maybe visit some other interns but we will see, things always turn one way or the other.

During our year with CESIP, members spent most of their time raising money for the organisation in order to fund things like this very report. I turned out to be quite the salesman and won the price for most sales! Last, but not least, we would like to express our gratitude to CESIP and its chairman Tuss Anzelius, Tatiana Pashman and the American Scandinavian Foundation, and of course Philip Åhagen and ATECH Inc. Without their fantastic support, we would not have been able to take advantage of this fantastic opportunity that CESIP provides.

Best regards,

**ANDREAS HELGESSON &  
MAX JOHANSSON**



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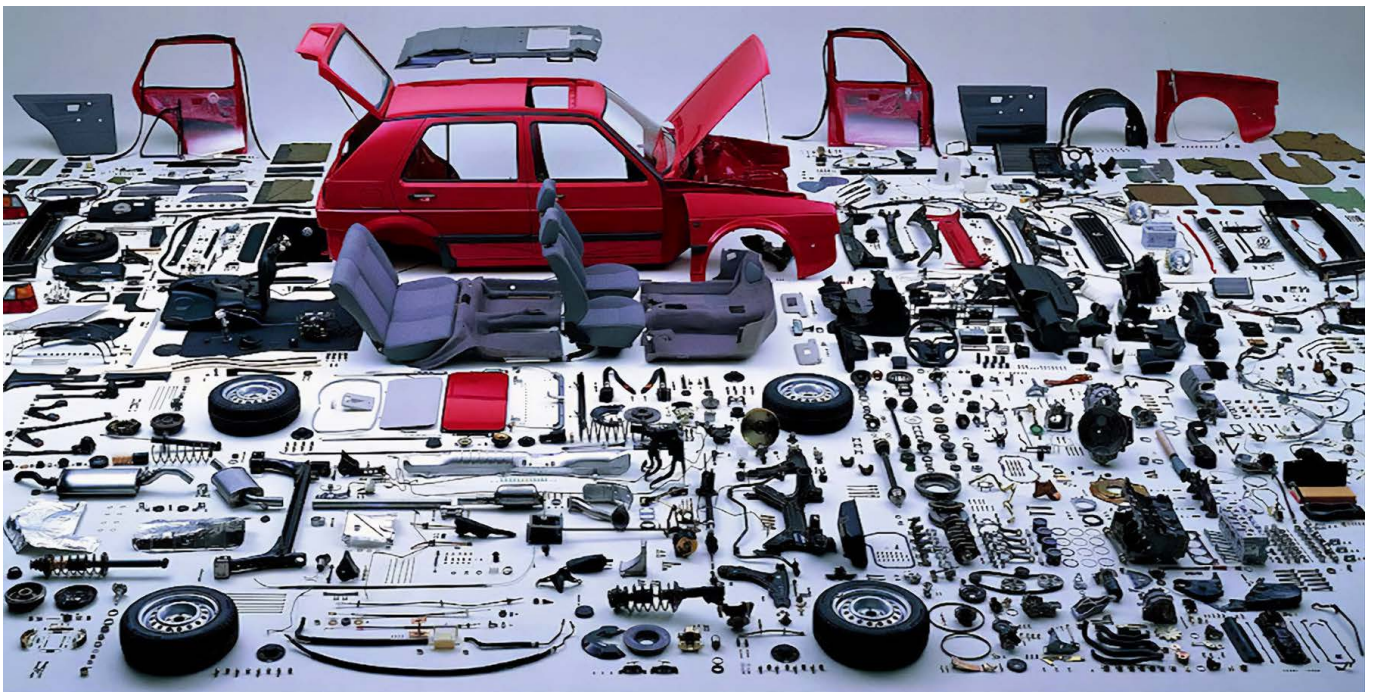


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# Arvid Petersén

**S**uddenly I was there, just a couple of days after wrapping up and handing in our bachelor thesis, I had landed in Minneapolis where I was going to spend my summer. I was filled to the brim with excitement, however one problem remained. I had no place to live during my three months stay.

Everything was finally in order and I was ready for my flight to Minneapolis. As a CESIP send off, we played kubb and discussed everyone's upcoming adventures. My adventure had felt so far away up until that point, but when discussing our upcoming adventures with the other CESIP members and saying our goodbyes it started to feel a bit more real. The last thing I had to figure out was how I was going to live during the summer, but that proved to not be too hard when I finally arrived in Minneapolis.

Through Facebook I managed to get in contact with a college student sub-leasing his room in a college house in Minneapolis during the summer. This turned out to be a perfect match for the both of us. Not only was I able to find a place to live, it also proved to be a great

way to get to know new people. Apart from me there were six other college students living in the house, which meant there was never a dull moment during my stay in Minnesota. My



## Arvid Petersén

**Area of study**  
Mechanical Engineering

**Best Memory**  
Going to my roommate's cabin.

**Worst Memory**  
Getting stuck in gridlock traffic and having a 90-minute drive home

roommates showed me around Minneapolis and introduced me to their friends and I managed to get far more friends in three months than I would have been able to get in any other way. Together we visited college bars, played pick up basketball, went to pool parties and everything in between.

## Trelleborg Sealing Solutions

Founded: 1905  
Number of employees: 21 000

**Office location**  
Delano, MN

**Website**  
[trelleborg.com/en/seals](https://trelleborg.com/en/seals)

I also got invited to the cabin of one of my roommates a couple of times. The cabin was situated right on a lake about one and a half hour northwest of Minneapolis and offered a good contrast from daily life in the city. At the cabin we took the days as they came, hung out and enjoyed the lake and all it had to offer. We went wake surfing, bath-



ing from a pontoon and played bags, a lot of bags. Bags is a game with rules resembling curling but instead of being played on ice with stones, you throw corn bags on a slanted wood board with a hole in the middle.

During the summer I got a visit from my sisters and parents and we went around exploring Minnesota and I got a chance to show them around in Minneapolis. Coincidentally my dad happened to be traveling to Salt Lake City with work during the summer and I went to visit him. During my visit we went mountain biking in the Utah mountains and went to the great Salt Lake where we spotted a lot of Bison.

So what about the reason I spent the summer in Minneapolis? I had gotten an internship at the company Trelleborg Sealing Solutions Delano office about 40 minutes outside of Minneapolis. Trelleborg Sealing Solutions is a subsidiary of Trelleborg Group which is headquartered in the city of Trelleborg, Sweden. The Delano location of Trelleborg Sealing Solutions focuses on manufacturing of plastic and silicone healthcare products through injection molding and it was really interesting to see the production methods I had previously learnt about being used.

My internship began with an intern's lunch where three other interns and I



ate lunch in the scorching Minnesota sun together with our supervisors, the General Manager and HR. The other interns were American college students who also had a summer internship and we were to sit in the same office during the summer. When lunch wrapped up and I had gotten to talk with my new colleagues for the first time, I had a lot of excitement for the summer and my upcoming internship.

The internship then kicked off with an onboarding week. During the onboarding I got a chance to familiarize myself with the company and my new colleagues. Together with the other interns I took part in a course where we got to learn about continuous improvement which is a big part of having an effective production facility. I also got

a chance to get hands-on experience in the clean rooms where the products are produced, which involved getting to test operating the injection molding machine and mixing the material.

With the onboarding done I received the project I was to work on for the rest of the summer, which was to create a physical 3D-model of the two production facilities to show the manufacturing capabilities of the site. During the project I got to do a lot of 3D-modeling and 3D-printing to create the scaled models of all the equipment used in the manufacturing process. It was exciting seeing the project slowly coming together and at the end of the summer being something physical you could touch and look at.

To be able to complete the project and get the result we wanted I cooperated with people across the company which allowed me to learn from the experience and knowledge of all my colleagues. With the help of my fantastic colleagues, I was able to finish the project on my last day. It was exciting to see the project progress during the summer and then finally being completed.

To wrap up the internship we also had a presentation lunch where the interns, our supervisor and upper management had lunch together and we got to present our work and experience through the summer.

**ARVID PETERSÉN**







# Casper Jarhult

**I**n a state of college football, peaches and barbeque, I got the opportunity to go on the greatest adventure of my life so far, an internship at a company specialized in rubber products. So far this has been a



## Casper Jarhult

**Area of study**  
Engineering Physics

**Best Memory**  
Spending a weekend at a casino resort in North Carolina.

**Worst Memory**  
Getting acute appendicitis and having to undergo surgery.

great time, allowing me to experience American culture and everyday life. After spending a year declaring taxes and sending invoices on the behalf of CESIP, a late night in April I received a mail offering me an internship. This was a huge relief since I was one of few members who had not received an offer yet. Two months of Visa applications later it was time to leave Sweden and Chalmers behind and head to Georgia.

I was greeted at the airport in Atlanta by my future co-worker and her sister who I was going to stay with during my tenure here. Stepping out of the airport was like stepping into a sauna, even though it was after 10 pm. I knew it was going to be hot here, but the humidity

made it difficult to be outside during the summer.

After a few days of settling in, it was time to begin my internship. My employer is a company called Rema Tip Top, which is a German company that specializes in industrial rubber and tire repair materials for the automotive industry, mainly supplying larger companies. The first task I was assigned was to update an exciting 3D-map of the facility. I was a bit sceptical at first, but this ended up being a fun project allowing me to work independently and it gave me an overview of the different parts of the production. After completing this I was given a bunch of smaller tasks to perform until I was asked to assist with migrating data from the current business managing system to a newer one. This meant a lot of Excel work and dealing with extensive data bases.

The office is in Madison, an idyllic small town about one hour outside of Atlanta where everyone seems to know each other. As one of few towns that got spared from the March to the Sea during the Civil War, it is a historic town with many beautiful buildings and nice restaurants. A 40-minute drive

## Rema Tip Top

Founded: 1953  
Number of employees: 700

**Office location**  
Madison, GA

**Website**  
[rematip.com](http://rematip.com)



from Madison will take you to Athens, the city I am staying in. Being a somewhat large college town, you will find a myriad of activities to do here, from going to a farmers' market to enjoying its vibrant night life.

Rema Tip Top was gracious enough to provide me with a car, which is very much appreciated since it is almost impossible to go anywhere if you do not have a car. This also means that it is easy for me to use my time off work to explore the surroundings here in Georgia. Athens is just a few hours away from the metropolis of Atlanta, the beaches in Savannah and the mountain ranges up in Carolina and Tennessee.

The people in Georgia are very easygoing and friendly and they truly live up to the reputation of southern hospitality. Their favorite activities include eating food and drinking beer and they are quick to invite strangers into their homes to watch College Football or just hang out, which has made it easy to feel welcomed here.

Roughly two months into my internship I came down with a stomachache



that slowly got worse. After a couple of days, I realized I needed to seek medical attention and went to the ER. Three hours later I had been diagnosed with acute appendicitis and was rolled into the operating room for surgery and five hours after that I was discharged from the hospital. Although this was not something I had anticipated, the efficiency of the whole process had me spending minimal time in the hospital

and only missing two days of work. Now I am hoping my insurance will cover the medical bills.

All in all, I am glad I made the decision to come here. This internship has provided me with valuable engineering experience that I will bring back with me to Sweden.

**CASPER JARHULT**







## David Reinsfelt

**H**aving spent a year as a member of CESIP, and getting to know the other members by hosting events together and raising money, it was finally time for the big trip. I arrived at the San Francisco Airport on the 6th of June 2022. All the hours



### David Reinsfelt

#### Area of study

Engineering Physics

#### Best Memory

Riding my bike over the Golden Gate Bridge.

#### Worst Memory

Getting used to the heat.

spent on paperwork for the visa application had finally brought me there. The only issue was my nervousness while I was standing on the sidewalk in front of the airport waiting for the house owner I was going to stay with. He picked me up in his brand-new Tesla, we had a good chat in the car ride to his house, and from there on my nervousness was all gone. The next day he drove me to the ATUM headquarters in Newark where I was going to work over the summer.

I was introduced to my new colleagues and got a tour around the building. The building has an office department and a big lab department divided into separate parts of the production chain. I was a part of the bacteria and yeast section together with three other employees, and another intern. Our section was handed samples of bacteria or yeast cells from another section called Gene Synthesis. These cells had been injected with plasmids containing engineered gene sequences that were coded to produce some protein that the customers wanted. Our task was to grow the cells into larger scale and then trying to get out the proteins that they had produced. So, we broke the cells

### ATUM

Founded: 2003

Number of employees: 160

#### Office location

Newark, CA

#### Website

[atum.bio](http://atum.bio)

open to set the proteins free and then purified the proteins from the rest of the sample. I was helping the guy who was responsible for the purification part. He especially used a technology called Chromatography and he taught me a lot about it. During the first two weeks there was a lot of new theoretical information about the technology they used, that I had to learn. It was especially challenging because I have a background in Engineering Physics, so the Biotech field was new to me, but after two weeks in I felt comfortable and was able to work more independently and help them.

On the weekends I spent my time exploring The Bay Area together with



another intern at ATUM that was also living in the same house as me. Her name was Rebecca, we became close friends and did a lot of traveling together. She was from Orange County and knew a lot about the area, she also had a car which was very convenient in a place like California. We visited all the big cities around The Bay like San Francisco, Oakland, San Jose, Berkeley. The first week we went to Oracle Park in San Francisco to see the Giants play against the LA Dodgers. Although the Giants lost it was a nice first real American experience. We also went over to Palo Alto the first week to see Stanford University which was very cool. My favorite city was San Francisco for sure. I've never been to a city so full of life and cool culture. Just by walking down the steep streets I could hear live Jazz music playing at the local bars. The whole atmosphere in the city was just amazing!

After a month spent working at ATUM and exploring The Bay Area with Rebecca, she told me that her friend was getting married in Honolulu Hawaii, and she asked me if I wanted to come with. I said yes of course, and just like that I was on my way to the tropical Hawaii! The first day there was the rehearsal dinner party where I met a lot of new interesting people from LA and from



Texas. The bride's family was from LA and the groom's was from Texas. It was really interesting to talk so many people in my own age from different parts of the US. The next day was the wedding, which was located at Kualoa Ranch, the same place they shot a lot of scenes in the Jurassic Park movie. It was really beautiful! The rest of the days I spent on the beach learning how to surf before it was time to go back to California again.

After the Hawaii trip I had about two months left to work at ATUM and learn more Biotechnology. I was assigned a project that I was working on at the same time I was helping the other employees at the Bacteria and

Yeast section. On the weekends I mostly went to San Francisco or Berkeley to hang out with my new friends. The time went very fast and all of a sudden it was time to go back to Sweden.

The summer was definitely the best I've had so far, and I will remember it as one of the best trips I've ever done. I'm very grateful for the experience and hopefully I will be back in Newark and The Bay Area again soon. I also want to thank all the members of CESIP for a lovely year.

Thank you!

**DAVID REINSFELT**







# Erik Sundin Rydehag & Nazif Kadiroglu

**T**wo engineering students from Chalmers with completely different backgrounds, one from the woods in Norrland and the other from the city of Gothenburg, completing an internship together in southern California for one year. How might that be? Developing and interesting in so many ways.

So, is it only sun, desserts and beautiful shores in southern California? Yeah, on a climate and geographical level it mostly is. What about the social aspects? We have been welcomed very warmly into the American lifestyle through our colleagues and some friends that we have met during our time here. So, is it giving and interesting for two Swedish engineering students to complete an internship in this part of the world? Yes, it definitely is.

We do not think we are sticking out our chins too much when saying that California is a bit of a dream area to live in for a lot of people. I mean, who doesn't want to live in an area in which the sun is almost always shining at the same time as the landscapes offer wonderful views and diversity in

## IOWN Renewable Energy Inc.

Founded: 2014  
Number of employees: 25

**Office location**  
San Diego, CA

**Website**  
[iownrenewable.com](http://iownrenewable.com)

terms of beautiful coastal stretches and mountains with and without snow, for example. So far, we have really enjoyed our time in this corner of the world and we have been welcomed very warmly into the American lifestyle through our colleagues and some friends that we have met during our time here. It is with excitement we are looking forward to what the remainder of our times here will bring us both on a personal and professional level, but as of right now we are going to share our stories from the first time we have spent here.

The company we are conducting our

internships at, IOWN Renewable Energy Inc. is, as the name might suggest, active within the renewable energy sector in the US. The two backbones of the company's business idea are project development and transaction services.



## Erik Sundin Rydehag

**Area of study**  
Mechanical Engineering

**Best Memory**  
Pool partying in Las Vegas.

**Worst Memory**  
Experiencing LA's rush hour traffic for the first time.





## Nazif Kadiroglu

### Area of study

Computer Science

### Best Memory

Pool partying in Las Vegas.

### Worst Memory

Experiencing LA's rush hour traffic for the first time.

The project development part builds around developing renewable energy projects within wind, solar PV and energy storage from infancy to feasibility. Transaction services include the coverage the company can offer within the whole value chain in the transaction from optimization of project assets to final contract negotiation. The company also has a smaller R&D department, and plan is that we are going to conduct the majority of our work in the project development area and R&D department.

As we are writing this, we have completed the first five weeks of our internships. The two first weeks were almost identical for both of us and mainly consisted of getting to know the company, all the people within it and the major cornerstones related to the renewable energy sector in the US. The three last weeks have been a bit different though for the two of us. I, Erik, have worked with a blade and turbine inspection for one of the windmill parks that we have maintenance responsibility for plus doing some research about a potential electricity system planner optimization tool for the company. And I, Nazif, have worked with various tasks in the company but my main focus has been in the R&D department. Due to my

technical background with a bachelor's degree in Computer Science and Engineering, I have worked on new innovative tasks such as automating some of the workflows. Besides programming and coming up with new ideas for the company to pursue, I have also worked on a specific project that is quite experimental and outside of the scope of the company.

One great aspect of the company is the support to pursue our own ideas. Instead of dismissing our ideas, our supervisor and the team we work with encourage us to gather information and present it to them which they will later take into consideration whether it is worth spending resources on or not.

One of our trips to the wonderful, neighboring, and famous city of Los Angeles was an experience of a lifetime. There we got to experience and sightsee pretty much everything that you see in movies and shows. Exploring the city, eating famous cuisines, and taking a stroll down Hollywood Boulevard was something else, to say the least. Since we are going to be here for a full year, Los Angeles is definitely a place we are going to return to. We have also done a road trip to Las Vegas together with a Finnish friend of ours, Okko, who is

completing an internship at the Finnish American Chamber of Commerce in San Diego. Visiting Las Vegas was certainly also an experience of a lifetime, and it is definitely not impossible that we are going to return there too before our time here is over.

We feel big gratitude and happiness over that we have been and still are a part of CESIP. Without all the effort and good work that every board and general member within the CESIP 2022 organization has contributed with throughout the year running up to the start of our internships, it would not have been possible for us to get this opportunity. If we need to pin out some activity from our times in CESIP before taking off to the US that meant a bit more than the others to us, it is the last gathering that we had together before everyone would head out to their internships. We played some kubb, enjoyed a BBQ and talked about where everyone was heading. It was touching and emotional to hear and see everyone's excitement about their coming internships and we could all finally say that we have made it after all the hard work.

**ERIK SUNDIN RYDEHAG &  
NAZIF KADIOGLU**







# Hugo Löfgren

**M**y summer in the mile high city has been one of the most exciting things I have ever done, with lots of adventures, new friends, knowledge and experiences. Ending up in Denver for an internship was not on my plan when starting university, but it is definitely one of the most memorable things I'll bring with me.

After an exciting year as a member of CESIP filled with good memories from meeting people and fun activities like the Stockholm trip, I began my internship at Trelleborg Sealing Solutions in Denver in the middle of June. Denver was unusually hot at the time and the

## Trelleborg Sealing Solutions

Founded: 1905  
Number of employees: 21 000

**Office location**  
Louisville, CO

**Website**  
[trelleborg.com/en/seals](http://trelleborg.com/en/seals)



## Hugo Löfgren

**Area of study**  
Mechanical engineering

**Best Memory**  
Riding a mountain bike on the mountains of Golden.

**Worst Memory**  
Figuring out how to travel around without my own car.

jetlag hit me hard, but as soon as I made it out in the beautiful city I knew that a great summer was ahead of me. During my time here I am staying in a smaller town just outside of Denver called Golden which used to be a mining town back in the days. Now it is

a very cozy, calm town with lots of stuff going on every week.

TSSD is a part of Trelleborg Group which, not so surprisingly, is a company founded in Trelleborg, Sweden. At TSSD we engineer and manufacture PTFE seals and polymer bearings used in a big variety of applications. Some of the markets we work for are oil and gas, aerospace, automotive and healthcare. At the office we are four engineering interns who were each assigned our own projects to work on and manage throughout the course of the internship. I'm the only international and the rest of them study close to the office at the Colorado School of Mines. My project is not so much about the engineering of our parts but more so about figuring out in which ways the company can reduce its plastic packaging consumption in order to become more sustainable. The project shares a lot of similarities with what I am used to at school from all of the product development projects that I have done, but at the same time it is a whole new experience. Since I am alone in managing the project, I have to do most of the work on my own and also learn how to find the right people for the next pieces of



information or data that I need to keep the project going. A little challenging for sure, but extremely fun and fruitful for my future engineering career to actually learn how the skills we get taught can be applied in the industry. My work consists of a lot of the standard parts of a product development project where I have to research the current packaging procedures, research the market for inspiration and ideas, use idea generation and concept elimination tools.

Of course, work is not the only thing that is on the agenda for my time in the US and luckily finding things to do has never been easier. No matter which day it is there is always something going on in the cities and if you feel like leaving the noise and fast pace for a while nature is always nearby with hiking trails literally in the backyard. Throughout

the period I spend here I am trying to make use of it as much as possible by going on as many hikes, concerts, and meetups as possible. Finding friends to hang out with has also been very easy through Facebook groups designed for meeting people aged similarly. Doing this was pretty unusual for me but it was very worth it to meet new people to share experiences with.

Since my internship is only over the summer, I did not have the time to get a car for myself so most of the traveling I do in my free time has to be done with Uber or public transport. It is certainly not a perfect solution as Ubers get expensive in the long run and public transport in the US is not really up to par with what we have in Sweden. But for a short period like this it works pretty well. During my stay I have

been blown away by the kindness and helpfulness of all the people I have met here, for example my supervisor who let me carpool to work every day since he heard I was struggling with finding a way to get to work, or my roommate who was very keen on showing me around the town of Golden and beyond on small trips.

Finally, I want to thank CESIP for providing me with this opportunity of going abroad to experience the US and all its most beautiful parts, and also TSSD for giving me such a great chance to utilize my skills and develop myself even further so I can become more prepared for what is next to come.

**HUGO LÖFGREN**







# Ida Linnakallio

**W**orking at a Swedish company in North America might not make sense to everyone but wow what an experience I have had so far! I am now five months into



## Ida Linnakallio

### Area of study

Industrial Engineering  
and Management

### Best Memory

Team building in Algonquin park  
with canoeing and camping.

### Worst Memory

Facing all issues after stressing  
into buying a car.

my one-year internship at Ericsson and could not be happier with my decision to pack my bags and move across the Atlantic.

Less than 12 hours after my arrival in Ottawa, I was entering the Ericsson office main entrance. Not for my official start day, but for a workshop with the team I was going to work with. It was Thursday, and the internship term for me and the other interns would start the Monday after. I was very confused during the entire workshop and did not understand much since they only spoke in acronyms which by the time was a foreign language to me. The vibes spoke very clearly though, and it did not take long until I knew I was going to have a great time with this team!

The first period was mainly onboarding and learning, and also contained a 24h Hackathon which was a really fun and intense experience. We all entered the office early in the morning and did not leave until the morning after. Apart from the hacking we snacked a lot, played games, watched a movie and I also made sure to show the team some Swedish music videos. My effort was appreciated but maybe the Swedish

gangster rap was a bit much for them at 4am in the morning. Although, Swedish culture is very important here at Ericsson and my manager makes sure I share as much as possible of it. The Fika (the Swedish word for having a coffee or snack and socializing) is especially important and was so before I came here as well. Every Thursday and whenever there is a celebration or different leadership teams are visiting, we have a Fika together. The Fika here is a bit (a lot) more ambitious than a regular Swedish fika, but called fika nonetheless.

The team has also a strong Team Building focus, so it did not take long until I felt like home within the team. With the team, we have done all kinds of team building/hangouts, more casual ones such as After Works or potluck picnics, but also more ambitious ones such as road trips or when we went canoeing and camping. So far it is one of the greater experiences I have had here in Ottawa. We started off early in the morning and drove about two hours to Algonquin Park where we did a 10 km canoeing trip down the Barron Canyon, then we headed to a different part of the park where we cooked over an open fire and camped overnight in



tents. Before heading home, the day after we also finished off with a hike to a beautiful lookout point.

The team I am working in at Ericsson is the System Behavior Team in Cloud RAN. In simple terms, our team is validating, testing, and monitoring our cloud environments. We are currently a group of 16 interns in our team where most of the interns are working in pairs on different tasks. The work is very flexible in terms of areas to work in. You really get the opportunity to explore all areas our team is working in and be involved in other smaller projects that you find interesting too. Initially during my internship, I was assigned to shadow one of the Scrum masters, which later due to some reorganization gave me the opportunity to become a scrum master of a smaller group within the team. My sub-group is focusing on different digital testing strategies as well as maintenance of our CI/CD operations pipeline to perform system testing of a certain scope of the requirements on the cloud environment and continuously communicating the results to our stakeholders. Apart from this, I have also been involved in creating an internal Carpooling website for Ericsson Ottawa, representing our team on a High School outreach exhibition, and organizing the annual Summer Barbeque as well as the World Culture Day for the entire Ericsson Ottawa site.

## Ericsson

Founded: 1876  
Number of employees: 101 459

**Office location**  
Ottawa, Canada

**Website**  
[ericsson.com](https://ericsson.com)

At Ericsson, we have, post Covid, a hybrid way of working. Tuesdays and Thursdays are our office days, the other days are optional in terms of working from home or going to the office. It is the perfect arrangement for me who



wants to explore as much of North America as possible since working from home can also mean working from a cafe or a hotel. So far, I have been able to visit friends in sunny San Francisco, meet up with a group of CESIP members in New York, go for a weekend of hiking in Mont Tremblant, see The Niagara Falls, explore the cities of Chicago, Montreal and Toronto, and have even more trips planned ahead. In Montreal I got the opportunity to see the Montreal Canadiens win against the Toronto Maple Leafs live at the Canadiens' home opening of the NHL season 2022-23, an unforgettable experience for sure!

Meeting up with the other CESIP members in NYC was also such a cool experience since the last time I saw many of them was back in Gothenburg during our, due to Covid, postponed kick-off where we went on a floating deck along the canal with live music on it and afterward went to Boule bar to play some boule. By then Covid was still a huge uncertainty and none of us knew if we were going to get the chance to go away on an internship. Yet, a few months later, we found ourselves gathered on the other side of the Atlantic Sea with a lot of new experiences to share with each other.

However, apart from being well located for traveling in both the US

and Canada, Ottawa also has things to offer on its own. I have really enjoyed the multiple beautiful parks and cozy restaurants, the parliament, and the very nice bike path which takes you anywhere you want to go in Ottawa. Just across the bridge from the center of Ottawa, Gatineau Park is located, which is the National Capital Region's Conservation Park where I have done some hiking and will for sure go snowboarding in the Winter. There are a lot of outdoor events and activities going on here in general, and it is easy to find groups to join which organize activities frequently. I have also found a group of embassy interns and exchange students from Europe who are as excited to explore Ottawa and the rest of Canada as I am. Sometimes I also get to join the embassy interns as a +1 for their embassy events which usually are very cool to attend.

So far, my experience here has been great, both regarding work, traveling and life in general even though it took some time to really settle down. Moving ahead I am really looking forward to experiencing Canada during this beautiful Fall season we just entered and later also the Winter which apparently, as I have been told here, is the real deal when it comes to Winters!

**IDA LINNAKALLIO**





# Ida Swegmark & Måns Lundqvist

**W**hen Måns handed over the Internship Coordinator role to Ida, they both had no idea that one and a half year later they were going to spend the experience of their lives together - a life in New York City! Although the city probably has the world's best sightseeing to offer, the real perk of living here comes with the small things of an everyday life in NYC.

## SKIM

Founded: 1979  
Number of employees: 285

**Office location**  
Hoboken, NJ

**Website**  
skimgroup.com

Strolling through the city, you randomly come across all different kinds of things: outdoor cinemas, nightclubs hidden inside barbershops, celebrities - you name it! Rather than glamorous and clean, we'd describe the city as authentic, weird, and addictive.

Our first month of apartment hunting was the perfect way to start exploring the city. While living in the company's apartment during this time, we toured apartments all the way from Chinatown in the south up to Harlem in the North. Eventually we ended up living with three other Swedes, randomly connected through a Facebook community. A big risk which turned out to be a success. We have really become a family, and our religiously strict Sunday routine of eating pancakes while watching a NYC-based movie illustrates that very well. All five of us are here for different reasons, which opens doors to doing things we probably otherwise wouldn't. For example, every now and then we join our jazz-studying roomie for nights out at the world's most renowned jazz clubs.

Living and hanging out with Swedes may not be the best way to embrace the real American culture. Luckily, SKIM is a very social workplace with a lot of young people. They are more than willing to show us all about their American life, therefore we spend a lot of time with our colleagues outside of the office. They take us to college parties, trips to the Jersey Shore, barbeque



## Ida Swegmark

**Area of study**  
Industrial Engineering and Management

**Best Memory**  
Our Saturday brunch routine, trying out American pancake spots.

**Worst Memory**  
Trying to drag Måns to a bank meeting an early morning after a long night out.

Sundays etc. — a big contrast to the Swedish atmosphere we have in our apartment.

SKIM as a company also hosts a lot of fun activities. On Thursdays we have





## Måns Lundqvist

### Area of study

Industrial Engineering  
and Management

### Best Memory

Seeing the skyline of our new home city from a rooftop for the first time.

### Worst Memory

Ida waking me up early every Sunday to explain her 100 ideas for the day.

afterwork that starts in the office and usually ends up in a pub crawl around Hoboken (famous for having the most bars per square mile in the whole country). This gives a great chance to get to know our colleagues outside of office hours. In November we're flying to Atlanta, Georgia, for a week full of workshops and SKIM celebration events together with all the other US offices. Assuming that SKIMmers from

other offices are just like the ones we've met, we can already know that we'll make a lot of new friends.

So, do we feel like we've become real "locals" yet? Both yes and no. Everything happening in New York still makes us feel like we are on vacation, as there's unlimited things to do. We always stumble across a new brunch place, vintage shop, or speakeasy bar in our favourite neighbourhood we thought we knew every inch of. However, getting to avoid all the overhyped tourist attractions (Times Square!) is probably what makes us feel most local. NYC is like a thousand cities in one, and once you can navigate between all the highs (there are some really lows), you feel much more like home. Also, the small things like keeping your tab open in the bar or explaining how the metro works for a tourist makes you feel much more like an American.

We really like our life at SKIM so far. The company is a market research consultancy firm, specialized in consumer decision behaviour. The clients are most often world-known consumer goods brands, and we help them answer business questions through advanced survey-making. It could for example be to help L'Oréal to decide what prices to put on their products, or to determine the most effective slogan on Kellogg's cereal packages. The work is project-based, organized in small teams. It usually consists of a

senior manager, together with one or more analysts/interns. This means that the work for us analysts depend a lot on our own initiatives and how much responsibility we want to take. Common tasks for us have been to integrate client input into our studies, programming survey logic, data analysis and presentation. We also help on other teams' projects.

Since the start we have always been told about how important the culture at SKIM is, and we now see why. Everybody looks out for each other in terms of work and personal life, no matter if you're a team leader, manager, or an analyst. SKIM also gives a lot of opportunity to specialize and dig deeper into a topic or project that you find interesting. It's apparent that colleagues believe that what SKIM does is really cool and that they are on a good career path, which creates a motivating environment for everybody. SKIM has had "Swinterns" from Chalmers since 2013 and they have often expressed how happy they are with what we bring to them every year.

We are very thankful for getting to be a part of the soon 10-year SKIM-CESIP partnership, giving us one of the adventures of our lifetimes. Feel free to reach out to us if you have any questions about our time at SKIM, CESIP or something else!

**IDA SWEGMARK &  
MÅNS LUNDQVIST**







# Ida Olsson

“**Y**our passport is ready.” I could not believe my eyes as I stood at the bus central of Warsaw for the second time reading the email. The first time the message was not so



## Ida Olsson

### Area of study

Industrial Engineering and Management

### Best Memory

Hangover Sundays at a Barbeque restaurant with my LA-family.

### Worst Memory

Losing 3000\$ to a scammer on my first day.

joyful. My flight to LAX was booked for the next day, and in difference from my first booked flight, I knew I was going to make it to this one.

To however might read this, forgive me for that the beginning of my story might come across as quite chaotic, but bear with me, there is a turning point. My name is Ida, and I am a marketing intern at Amroth LLC in Los Angeles. Previously to that I was head of PR and Event in the board of CESIP 21/22. During the fall of 2021, CESIP arranged a thanksgiving dinner for our alumni association where I met this man named Laslo. He was a member of the board in the 70's and after his studies he had a quite successful career in PR. Our conversation about his career inspired me to give marketing and PR an honest attempt. And that is the short story on how I ended up as a marketing intern in LA.

My journey to US began the 22nd of September and after 20 hours of traveling, I finally arrived at my new address 812 Levering Avenue in Westwood. Unfortunately, 3000\$ on rent and deposit resulted in a big scam. The man who rented the room to me,

## Amroth LLC

Founded: 2019

Number of employees: 4

### Office location

Los Angeles, CA

### Website

[amroth.io](https://amroth.io)

never moved out of it. In addition, he also had two more girls living in his dirt. The first couple of nights was quite turbulent, but lesson learned, never trust a stranger on Facebook. As luck would have it, the two other girls in the apartment happened to be rather nice people. Today we have our own place, still at 812 Levering Avenue, a few floors up from where our story began. I almost forgot, we also have two more roommates, two cats and a dog. It is the home of a big loving family!

As I said, the first time in LA was bit chaotic. However, let us move on from struggle and scam to iced lattes, parties in Hollywood and my internship at Amroth. I believe that the best way to



capture my life here is a quick introduction by my internship and Amroth and then a dive through a few picked out moments.

So, Amroth is a digital distribution company for wine, beer and spirits founded by Karl Petersson in 2019. He started Amroth with a vision of becoming a sustainable, up-to-date distributor in an otherwise outdated and ineffective industry. Since Amroth is still a start-up company there are only three more people working there. Diana Petersson is head of operation and supply chain, she remembers every single detail that me and Karl forgets. She also happens to be married to Karl, as their last names might have spoiled already. Further we have Joaquin, our sales dude, no one have ever gotten the last word with this man, I promise. Lastly, it is me, the marketing/project specialist intern! My days usually start with checking orders from customers and dealing with supply chain, then it is a mix of creating marketing materials, analysing sales data, attending meetings and planning events. So far, my time at Amroth has been great and I am forever grateful for the opportunity to learn up front from such experienced people as Karl and Diana.

One thing you cannot leave out when presenting Amroth is that they represent the spirits of KISS, Def Leppard and Slipknot. I am not a big rock fan



myself, yet I am sure I will be after this year. Not to brag, but me and Diana are going on a five-day cruise in the Caribbean in the end of October, with the real KISS, how exciting! Now that we all know each other, I want to tell you about three moments/happenings that summarizes my journey so far.

At 3pm on a grey Wednesday Karl, Diana and I had a scheduled meeting at Hard Rock Café in Hollywood. I looked at the clock, it was 2:09 already and there is currently a 53 minutes' drive up to Hollywood from the office. Well, we can always blame traffic I thought to myself while watching Diana and Karl frantically tapped their keyboards. Just a second later we were

out the door and on our way. After switching lanes through jammed traffic for almost one hour, I finally took a right and there it was, Hollywood boulevard. The Hard Rock Café sign lit up the walk of fame under it and tourists and street artist swarmed along the streets. I parked inside the Hollywood and Highland Center and ran to meet up Karl and Diana at the bar at Hard Rock Café. 1,5 weeks later we are going to through a KISS event here to drive customer awareness and sales to the KISS spirits.

The meeting went well, and we decided to stay for dinner before heading home. Did I say I love my job? Anyway, full of chocolate milkshake and burger we left Hard Rock to head back home. The feeling of driving along Sunset Boulevard all the way from the tourist mecca that is Hollywood, to my home in Westwood, is surreal. The traffic jams where long gone, and the sun started to set. I rolled down my windows and played American pie by Don McLean on full volume, it was a dream-come-true-moment.

I would consider myself a rather efficient person. I do not think I have ever spent more than 20 minutes grocery shopping at Willys. However, truth to be told, efficient grocery shopper is no longer a suitable description for me... Something happens in me when there is a 50-meter-long aisle for chips, or







ice cream, or even pasta sauce. I do not mean to complain on the ginormous offer of food in this country, I just wish my greed of wanting to find the best product in there would cool off a bit. Not only time is wasted on searching these aisles, but it is also an expensive behaviour finding new interesting, and unnecessary, food every time I am out

to buy water. Let us hope this greed will guide me to the town's gold nuggets of restaurants. Speaking of which, if you are ever in LA, go to LAX tacos in Inglewood and order 3 asada tacos with guacamole, you will not regret it!

For the last moment I want to write about is today, 15th October, which is what I would call a perfect Saturday. Me and my roommate Alma got in the car straight after breakfast to pick up our Swedish friends Fidela and Christoffer, it was time for our first hike. It has been raining all morning but started to clear up as we drove up north. A little bit of American confidence and lazy research on where the hike started, made us climb the mountain straight up throw the bush. It was an experience to say at least but when we got to the top, the view made worth of the struggle. Hungry, tired and dirty we got back in the car and took off to Downtown for Grand Central Market, which is a kind

of food festival. Careful consideration landed on asada tacos, and it was delicious, of course not better than LAX tacos though. The road trip continued down to Marina Del Ray to finish our road trip with a walk along the dock.

As I am writing this, I am fresh out of the shower and soon of to Santa Monica to end this Saturday at Jameson's pub. I have only been in LA for three weeks, however if you would measure time in experiences, it feels like I have been here for three years. I have learnt how to drive here, how to deal with greedy Americans, how to answer the phrase "how are you" correctly and most importantly I've have gained a new family. If you ever get the opportunity to living abroad, in US or anywhere else, take it! All the struggle, indecisiveness and being out-of-control is worth in the end.

IDA OLSSON

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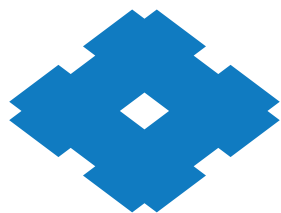
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# MELLBY GÅRD



## Lovisa Åkesson, Moa Andersson & Hevar Djeza



**W**elcome to the mid-west! ... as everyone says it here. We cannot really agree about the geographic position but we are at least here. Michigan has a state motto that says "If you seek a pleasant peninsula, look about you." And we live about in the center of it in a town named East Lansing.

### Fraunhofer USA

Founded: 1994  
Number of employees: 150

**Office location**  
East Lansing, MI

**Website**  
[www.fraunhofer.org](http://www.fraunhofer.org)

The first week we started working consisted of a lot of internal training, such as IT security and a bunch of safety training connected to the different labs here on site. We were also invited to a meeting with the Lead Business Developer for Fraunhofer USA, who held a

presentation about the company and its purpose and values. That talk made us all inspired about the upcoming year and what we might accomplish.

Fraunhofer USA is a nonprofit organization that focuses on research and development using fundamental academic research and functions as the bridge to close the gap to applied industrial research. The Fraunhofer center here in East Lansing is known for its use of diamond and coating technology. Some currently ongoing projects at the center include building and testing electrodes used to measure neurotransmitters such as dopamine in the brain, coating cutting tools for end mill use, building machines and programming.

The job is never the same as Fraunhofer has a variety of collaborations going on at the same time with different companies. So, projects come and go around the year which makes it exciting for us to try and see different areas, even though the expertise at the center is the same.

What might be most remarkable about the center is their research on diamond growth, using chemical vapor deposi-

tion. The deposition is done by using a carbon rich gas that is ignited into an ionized plasma by microwaves, which builds up to a diamond layer by layer. The whole process, which takes place in a reactor, is controlled by software on computers. Lovisa is currently working



### Lovisa Åkesson

**Area of study**  
Engineering Physics

**Best Memory**  
Roadtrip to see the Niagara falls in Canada.

**Worst Memory**  
When I got flagged at the Social Security office.



on rewriting the software of one of the reactors in the programming language LabVIEW. The aim is to make the code more efficient and coherent with the software of the other reactors at the center. Besides the actual programming, Lovisa has also had to learn about the physics and chemistry behind the diamond deposition, and how the different parts and processes of the reactor are controlled by the software with the help of bus communication. As Lovisa is part of the IT team, she has also had some side projects including purchasing parts for, and building, a CAD workstation.

Currently, one of Hevar's projects is working on designing hardware circuitry for a portable, low cost, micro-controller driven potentiostat that can be used for electrochemical measurements, coupled with programming the associated software in Python and Arduino (C++). The goal of the project is to develop an electrochemical measurement package that is cost effective and user friendly while still producing high accuracy results that can compare to more expensive devices that are currently available on the market. This would result in making electrochemical measurements more economically and



## Moa Andersson

### Area of study

Chemical Engineering

### Best Memory

A weekend in Chicago.

### Worst Memory

When I got an eye infection at Six Flags.



practically accessible, which is where it is needed the most.

Furthermore, his research group recently received a multi-million dollar grant in collaboration with Michigan State University funded by the National Science Foundation (NSF) and the United States Department of Agriculture (USDA) titled "Signals in Soils". This project seeks to build a sensing platform to measure metals, pH changes and other chemicals in the soil and will therefore look to implement and adapt the portable potentiostat. Some adaptations are to make it more autonomous and sustainable, as it will lay dormant buried under ground, performing measurements upon receiving wireless commands, all while being powered by solar energy. The project will also pursue going from single-channel to multi-channel measurements, making measurements of multiple chemicals simultaneously more feasible. Clearly, we have many head scratching days ahead of us, which we absolutely are looking forward to!

As Moa has a chemistry background, one of her current projects is using

electrochemistry to coat electrodes with different metals with the goal of lowering the input impedance. It also includes analyzing and evaluating the measured data, and adjusting experimental parameters. All this with the purpose of helping a company develop electrodes for biological measurements. She is also working with different 3D printers, where some are printers using plastic as filament material, but some are also using a mixture of plastics and metallic powder where the end products are metal pieces. Along the way she has also learned how to use AutoCAD with the intention of designing wafer processing masks. By using photolithography, diamond wafers can for example be turned into electrodes.

Despite not being the biggest city, East Lansing is full of life which is mainly thanks to the students here at Michigan State University. The university is one of the largest institutions in the US in terms of enrollment, with over 50 000 students. This is especially noticeable when the school year started in September; from having been a calm and empty place during the summer, the city turned into a large party over



a weekend. The beginning of fall also meant that the start of the football season was just around the corner. And of course we dressed up in green, cheered for the Spartans and tried to understand the rules, without any bigger luck. But the Spartans won, and we could not help being as glad as the rest of the town for it.

During our months here in the US we have experienced a lot, from road trips to the northern part of Michigan, to city-weekends in Chicago and New York, fishing trips on Lake Michigan, museums, amusement parks. Apart from us Swedes, there are a lot of other international and American interns at the office, who we spend a lot of our free time with. Having a large group of friends from the start is something we all appreciated, and it has made trips and weekend activities a lot easier and more fun. Every day, we experience American culture together, and we often discuss and receive ideas for exploratory activities and trips one can do to maximize this cultural exchange. For example, through some of the American interns at work, we have gotten invited to American house parties and tailgates at the house of one of the sports teams of the university, which felt like being part of an American college movie.

What we might appreciate most with



## Hevar Djeza

**Area of study**  
Engineering Physics

**Best Memory**  
Seeing the US Navy Blue Angels air show.

**Worst Memory**  
Dealing with my American bank's customer service.

East Lansing is its nature. The great lakes of Michigan, which to us look more like oceans, are also surely something to behold. We are however a bit terrified for the winter, as we've heard a temperature of at least negative 20 Celsius is more than common. In order to solve this problem we have already booked a flight to more southern latitudes; Thanksgiving will be spent in Florida at the house of some of our friends from CESIP!

It truly is true that everything is bigger in the US and in association with this, coupled with the fact that winter, much like Sweden, was rapidly coming, we quickly realized that a car probably would be handy. Consequently, we got a car, which has presented a large magnitude of possibilities regarding not only trips, but also just getting around on a daily basis. For us, in a true American spirit, the car has represented freedom. While it may not be much, it still is ours, and it will (hopefully) continue to be a part of and play a critical role in our remaining journey here.

While writing this it is a little over a year ago all CESIP members spent a weekend in Stockholm, visiting companies, enjoying nice meals at restaurants and exploring the town together, not knowing anything about where we might end up, what we would work with or what it would be like living in North America. And definitely not knowing that the three of us would end up as roommates. Thinking back at it now, we are all so happy we ended up here in East Lansing together and at Fraunhofer USA. These months in the States have been a blast, and we are looking forward to the upcoming 8 months that we have left together here!

**LOVISA ÅKESSON,  
MOA ANDERSSON &  
HEVAR DJEZA**





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WALLENSTAM





# Malin Fuhrman

**T**he opportunity to travel to the United States for an internship through my membership in CESIP made my long-held dream of experiencing the American culture come true. The feeling of fulfillment from accomplishing something you have strived for is worth every minute I spent on the phone with companies during my year in CESIP. However, as I am still in the first weeks of my internship, my experience of the US is still tainted by my visa process intricacies.

Two years of covid made my application process time consuming. As I did not have a valid passport and appointments for renewal were disappearing

quickly, I had to wait until mid-July to be able to finish the online visa application. Even though I went to pick up my passport as soon as I got the delivery notice, I was faced with the fact that no visa appointments at the embassy in Stockholm were available before my departure date. In addition, they denied emergency appointment requests for exchange visitors, which had been a plausible plan B for other members of CESIP in the same situation as me, during the spring.

I was left with no other choice than to apply in another country, a decision followed by numerous questions. Norway was the only feasible alternative as to pick up the visa, I had to cross the border a second time without my passport (I do not have a national ID), which you have to leave at the embassy. I was lucky to get in touch with previous members of CESIP who had gone through the same experience as me, as neither the US embassy in Stockholm nor Oslo had a functioning phone number or email address for applicants' questions. Only two days after I booked my visa interview appointment, all other time slots were taken – so I was just in time! After two trips to Norway and



## Malin Fuhrman

**Area of study**  
Chemical Engineering

**Best Memory**  
My new friends surprising me with cake on my birthday!

**Worst Memory**  
Taking Uber to the wrong city on a Friday night.

three weeks before departure, I finally had the US visa in my hands.

As of right now, I am four weeks into my internship at ATUM in Newark, CA. They work with synthetic biology, which for me as a chemical

## ATUM

Founded: 2003  
Number of employees: 160

**Office location**  
Newark, CA

**Website**  
atum.bio





engineering student is an unexplored area. I am learning about cell cultures and aseptic techniques – and I love it! The novelty is refreshing, and the fact that it is not directly connected to my degree is making the job more reenergizing as a gap year experience. My days consist of meeting the groups in the Cell Line Development department, shadowing their work in order to learn as much as possible before I start working independently. The plan is to end up in the group that works with cloning. They clone cells and assess their viability, growth and stability in order to produce as much of a desired antibody as possible. It is a field I know very little about, but I have heard that they use some really cool machines, which is exciting! The work-life balance at the company is very reasonable and the working hours are liberal; we leave when we are done, which usually means working from 9 to around 4:30.

I have been welcomed into the country and the American culture through one of the employees at ATUM, who houses all interns at the company.

Staying with a host family accelerates the learning of American culture and is a convenient way to acclimatize to the surroundings, as you always have someone to ask when you get confused about cultural and societal differences between Sweden and the US. The arrangement comes with a convenient side effect of free accommodation, which is a fantastic benefit considering the housing prices in the area. Thanks to the generous amount of free time in the afternoons, I have had ample time to get familiar with the surrounding area. It offers a great variety of shops, grocery stores, gyms, restaurants and other amenities – all in walking distance.

Another benefit of living and working with local Americans is the travel recommendations. The friends I have made at work have showed me places I never would have discovered myself. Last weekend we went to a small town, Niles, where I tasted the most delicious ice cream – I had to go back for another scoop! California offers a lot, and my travel-to-do-list is growing continuous-

ly. Apart from Niles, I have ticked off Stanford University, Palo Alto and San Francisco. My favorite visit is the Golden Gate Park and its beautiful botanical garden. I would love to go there again, although Yosemite National Park is probably what I am most excited about seeing next.

In other words: after a few weeks of getting used to my new situation, I could not be happier. I remember a year ago when all of us in CESIP went to Stockholm for teambuilding, we would ask each other where we thought we might be a year from then. We were fantasizing about where we would live, where we would travel and what we would see. Looking back and knowing how it all played out, I could not wish for anything to be different. My experience in the US has so far exceeded my expectations and I am curiously awaiting what the upcoming months hold for me. Thank you CESIP for making this experience possible!

**MALIN FUHRMAN**





# Martin Almqvist & Oscar Wernqvist

**T**he Sunshine State, as Florida is known, is home to many unique features. Alligators, beautiful beaches and endless tourist attractions. Another one is the small but historic town of St Augustine, where we intern at the Swedish-American automation company Amerden.

Here we live like true Floridians, but we also get to see other parts of the US visiting Amerden's customers all around the country.

## Amerden

Founded: 1988  
Number of employees: 15

**Office location**  
St Augustine FL

**Website**  
[amerden.com](http://amerden.com)

Oscar has been here since June and Martin since September but just in this short period of time, we have both experienced many things that living in Florida will offer you.

When we first began our year in CESIP, we had no idea what would be awaiting us. What were the chances of getting a job? Is the pandemic likely to return? What friendships would we make along the way? Over time our questions were answered, each week at the sales workshop. Initially, it was more about getting to know each other and getting started with the sales work. But after a while, we got into a rhythm, and the job searching started. The happy news of members getting signed on eventually came. And now we have ended up here, among the palm trees and pickup trucks of Florida.

At Amerden, we work with Automated Guided Vehicles, AGVs. Because it is a smaller company, we get to see and work on all aspects of an AGV system. We program communication protocols, design layouts for the vehicles, and write database queries and much more that make the AGVs function in the industry. AGVs are also especially interesting for us Chalmers students, since two of the largest companies in the AGV business, Kollmorgen and AGVE, are based back home in Gothenburg.

One of the things we get to experience



## Martin Almqvist

**Area of study**  
Engineering Physics

**Best Memory**  
Going to the nightclub "The Castle" in Tampa.

**Worst Memory**  
Going to the Social Security Office.

almost every week here is seeing the rocket launches from Cape Canaveral, two hours south of St Augustine. If the weather is clear, which it usually is, we walk out to the beach where we live and wait for a bright light to appear on the horizon. When you see



the light, it is really easy to follow the rocket with the naked eye. However, our phone cameras do not seem to zoom in quite far enough to take good pictures from here. After around 3 minutes, the first-stage-burn ends, and the rocket becomes much harder to track. If it is SpaceX launching their Falcon 9 rockets, you wait for another light to appear as the first stage makes its reentry burn and lands on a barge a few hundred miles out in the ocean. In November, we plan to visit the launch site to see Artemis 1, which is headed to the moon, and maybe our phones as our minds will be able to better capture the moment.

One of the other things we have done around here is to go swimming in the crystal clear natural springs of Ocala national forest, an hour inland from St Augustine. The water there is 22 degrees Celsius year round, which was refreshingly chilly for us in the humid summer heat of Florida. The jungle-like forests are home to exotic plants and wildlife, including a tiny brown snake we saw walking on a trail. We took a picture of it, and luckily it turned out to be one of the non-venomous varieties around here.

Even if it seems that the weather here is always sunny, Florida also experiences 1-2 hurricanes per year, and this year Florida was hit by hurricane Ian. The county issued an evacuation order recommending we should leave St. Augustine Beach, because the hurricane could flood the area we live in. So, we packed our bags and drove to Greensboro, North Carolina where our roommate Sidner had relatives. Along the way, we stopped by the city of Savannah, which is Georgia's oldest city. With 19th century architecture, tree-lined cobblestone streets and small neighborhood parks, the city was a nice contrast to the strip malls and four-lane highways of Florida. Did you know that the famous "box of chocolate"-scene in the movie Forest Gump was filmed there?

Once in Greensboro, we paid a visit to one of our CESIP colleagues who had his internship there. He showed us



around town and took us to an arcade hall that looked typical like those you may have seen in films. It had a lot of different arcade games like Pac-Man, shooters and pinball, but the game we played the most was classical air hockey.

While in North Carolina, we also went hiking in Hanging Rock State Park, just a few miles northwest of Greensboro. We chose to take the path that led to the top of the mountain because we had heard the view would be spectacu-

lar, and it was! Another hike leads to a waterfall, but we did not have time or energy to explore that one.

Later that week, we were asked to troubleshoot an AGV at one of Caterpillar track loader factories. As a result, we packed our tools and headed to the small town of Sanford, North Carolina. The factory manager welcomed us on-site and briefed us about the issue. At first, we thought it could have been an electrical problem, but we were then informed that all the AGVs had the same exact problem, which indicated it should not be a hardware problem. After downloading information from one of the AGVs, we found that some parameters in its programming were lacking and needed to be fixed. When the new data was uploaded, we did some basic testing and it appeared to work. However, it could take weeks and even months before the same exact scenario can occur again, so fingers crossed!

Once home again, we could not find any signs of damage to our home, so we did not need to evacuate in the first place, but at least we got to visit new places which if you asked me was worth it. That is one perk of our internship, the clients of Amerden are scattered across the US and therefore we have the opportunity to see a lot of different places and cultures!

**MARTIN ALMQVIST &  
OSCAR WERNQVIST**



## Oscar Wernqvist

**Area of study**  
Engineering Physics

**Best Memory**  
Going to the nightclub "The Castle" in Tampa.

**Worst Memory**  
Going to the Social Security Office.





# Parsa Ariaman

**A**s someone who plans and calculates every outcome to make sure that all goes right or at least right according to me, boy was this a wild ride. At the same time I would not have had it any



## Parsa Ariaman

**Area of study**  
Industrial Ecology

**Best Memory**  
Stuck in traffic to LA as California Love plays on the radio.

**Worst Memory**  
Taking care of issues with my car.

other way. Because if you want to relax, take a stroll in the park; if you want a memory for life apply to CESIP.

Late April 2021, after a rather slow year for CESIP in terms jobs due to the pandemic, an opportunity presented itself as IOWN Renewable Energy. Finally, an internship matching my profile of Mechanical Engineering and better than that in the field of renewable energy which I had been interested to explore before. Luckily the job was mine by the end of May. Albin and I were offered two golden tickets to sunny San Diego, “America’s Finest City”, but there was still a certain pandemic looming around and disrupting international travel. As the suspenseful summer went on it was not looking likely for the travel ban on Europe to lift. Me and Albin realised that we had to make a move to not lose the internships and that’s when we heard about Romania. As a country outside of the Schengen area their US embassy was still open and issuing visas not only for Romanian citizens, but also for foreign nationals. So, we went for it. Romania is a country I should not

have much memory of other than that we landed, got our visas and left. It is never that simple though, is it? I was put under “Administrative Processing” a process including a thorough background check that may take all from two days to two weeks to forever or never. I spent two weeks in Romania before giving up and returning to Sweden. IOWN was alright with waiting since my visa process had at least started. As soon as I came back I started to work as a mailman, waiting for my visa. September and October

## IOWN Renewable Energy Inc.

Founded: 2014  
Number of employees: 25

**Office location**  
San Diego, CA

**Website**  
[iownrenewable.com](http://iownrenewable.com)



went by before I finally got the message I had been waiting for on a dark and snowy wednesday morning 8th of December sitting in my fine mail-man automobile wishing for better times. That afternoon I handed in my letter of resignation. Although it took until the end of January before I could head back to Romania to finalise the process and take out my visa. Another month or two did not bother me, I had been patient and now I got to go from delivering mail in the rain to enjoying the sun by the beach. The silver lining with how it all went down was my side adventure in Romania, a country with character and a lot more to offer than it seems at first glance. On February 8th I arrived in San Diego, excited and ready to finally get started.

IOWN Renewable Energy Inc. develops renewable energy projects from infancy to feasibility. Basically, they are involved in different steps needed to develop for example a solar or wind farm. At first it was not obvious which area of the company I would be a part of, wind or maybe solar? After a few weeks it was decided that I would together with Albin be a part of the greenfield group. The greenfield effort was essentially meant to expand

upon IOWN's portfolio of potential renewable energy projects. Greenfield efforts are usually mostly unsupported by what the company has done before, a blank slate, and therefore allow you to be creative with how you go about advancing the effort. Something I enjoyed quite a lot. We were thoroughly analysing different US regions' energy markets and renewable potential to identify new projects. In our toolbox we had new software for me and Albin to figure out and in addition to those I made good use of the good old reliable internet. As expected with anything new, we had to go back a few times and rethink the strategy and figure out the kinks. Unfortunately, my internship ended just as things were starting to get interesting, but I do believe I found a new area of interest of mine during this internship at IOWN. So, who knows, maybe there is a future for me in energy?

Outside of work I got to work my way through San Diego and the surrounding areas with Albin and I understand why the city's slogan is "America's Finest City". The food scene is amazing. You have great authentic Mexican food because of the proximity to Tijuana and Mexico. There are lots of neigh-

bourhoods and parts of town to see and the number of activities the city provides is huge, so you always have something to do or explore. Alfred from the same CESIP year as us was thereabouts south of Los Angeles and we met up with him a few times. I also went on two larger road trips during my time in the US, one was with Albin driving from Seattle to Yellowstone National Park where we saw a lot of nature and the other was in California, Las Vegas and Zion with my high school friends and Hugo who was working in Colorado during the summer.

There were some parts of this journey where I was under a lot of stress from my visa situation being unclear, trouble finding housing, trouble buying a car, car being broken and so on. Everything still worked out in the end. You just need to stop resisting, go with the flow and believe in your ability to make it through in the end just fine and that's the greatest lesson I will take with me from this adventure. Thank you Albin, thank you IOWN and thank you CESIP.

**PARSA ARIAMAN**







# Petter Lundh

**E**ver since my year abroad in California I had been looking for an opportunity to get back. When I received my job offer from Monte Stott & Associates there was no hesitation, the perfect opportunity had just presented itself! A few months later, after struggling to get my Visa due to Covid-19 along with some fellow CESIP-members, I was finally on a flight back to California.

The year with CESIP started with a kick-off dinner with all members so everyone could get to know each other. Throughout the year there was

a bunch of different activities such as resume-workshops, sales coaching and a final going away party on “Partypaddan” before heading to different places in the US to start their internships.

When I first arrived in San Francisco I felt both excited and nervous of what to come. Arriving late on a Thursday night and having my first day of work the coming Monday without no settled accommodation made it a couple of hectic first weeks. Scouting for housing and trying to figure out what part of San Francisco I wanted to live in combined with starting a new job was a challenge. Luckily people in the office and people in general are so helpful and once I found an apartment together with some other amazing roommates, I felt like the journey could begin for real!

San Francisco is an amazing city with its unique culture, scenic views and endless stuff to do! Together with my newly found American friends, also new to San Francisco, we were all eager to find out what San Francisco had to offer. Pretty soon we concluded that



## Petter Lundh

### Area of study

Civil Engineering

### Best Memory

Celebrating Christmas and New Year's in Miami.

### Worst Memory

Going for a 2-hour drive to get a storage locker Monte had bought on an auction, only to find out there was no “gold” in there (very disappointing).

San Francisco probably have the best food and bar scene in the world. The

## Monte Stott & Associates Inc.

Founded: 1985

Number of employees: 7

### Office location

San Francisco, CA

### Website

montestott.com





city offers a countless number of fantastic restaurants and bars and up till this date I still feel there are hidden gems I did not have the time to discover. Whenever I did not try out new restaurants or bars, I spent lots of time in one of many parks that are spread out over the city, went on different hikes in the Bay area, did day trips Santa Cruz, Napa Valley and to the Muir woods National Park, just to name a few. Since Monte (my boss) encouraged me to take time off and enjoy my time in the US I also went for some longer trips. I went to Yosemite, did a couple of days in Las Vegas, celebrated Christmas and

New Years in Florida and I met up with Albin, Alfred and Parsa in LA who also were CESIP-interns in California.

However, when I was not spending time with my friends or traveled, I was working. Monte Stott & Associates is a small and familiar engineering firm with 7 employees and the dog Polly. Monte's firm provide seismic engineering services such as consultation, retrofitting and strengthening to both existing and new buildings in the Bay Area. In the office there are both structural engineers and architects which make the office work as

team since different people are experts in different areas. A typical workday usually started with an hour of administrative tasks, picking up voicemails and checking emails. Then typically the day consisted of making structural drawings and details in AutoCAD or calculating lateral loads. But many times, Monte told me to grab my notepad, flashlight and measurement tape and join him for a site visit. These site visits could consist of anything from house surveying, take measurements for drawings, crawling around in crawl spaces, seismic consultation or checking rebars.

I would like to thank my co-worker Jessica for all the help she gave me at work and for always being patient with me. I also want to thank my boss Monte for always challenging me, showing a perfect example of how to act as a boss, telling me all the great things about America and for always bringing humor into the office. I will always remember the wise words he told me on my birthday: "First of all, there is always time to be kind and secondly, it's all about the Benjamins!!".

**PETTER LUNDH**







# Simon Schuster

**W**ith a corn dog in one hand and a fried pickle in the other, I tried to take in the atmosphere without losing my new colleagues in the crowd. It was a Friday afternoon early in September, but more importantly, it was my first day “at work”. Just a couple of hours earlier I had entered the office for the first time only to find out that the plan for the afternoon was to visit the Minnesota State Fair, the largest state fair in the entire US. “This is something you can’t miss when coming to Minnesota,” my new colleagues told me. They were very excited to show me around the vast amusement park-like area, letting me try all sorts of crazy American food (more or less everything is on a stick). We strolled around the fairgrounds trying everything from buttery corn on the cob to delicious chocolate chip cookies. Overwhelmed by all impressions, I remembered thinking this must be about as American as it gets! What a welcome!

I am doing my internship at ExperienceIT, a digital transformation consulting firm situated just outside Minneapolis, Minnesota. More specifically, the

company is located in the Twin Cities, a metro area along the Mississippi river including the two larger cities Minneapolis and Saint Paul, with a population of around 3.5 million.

ExperienceIT provides its clients with technology-enabled solutions that help them grow their businesses, which could be everything from business agility transformation to mobile application development. The company primarily serves healthcare and financial services organizations, both being prominent industries in the region. The Twin Cities is in fact home to a handful of larger corporations with for example UnitedHealth Group, Target, Best Buy, and 3M being headquartered in the area.

## ExperienceIT

Founded: 2013  
Number of employees: 150

**Office location**  
Bloomington, MN

**Website**  
[eitmn.com](http://eitmn.com)

My role as an IT Product Management Intern has so far mainly been to support the CTO Glen with work related to organizing the technology organization. It has been very interesting, and I have learned a lot already, especially about Agile product delivery and the structure of IT organizations. I have also gained insight into the developers’ work and our client’s businesses.

It is fantastic to be part of ExperienceIT, thanks to the great company culture and awesome coworkers. A strong memory is from a boat cruise we did on Lake Minnetonka on a warm September evening where I got to learn several new colleagues better. All while enjoying great food and watching the incredible properties and mansions along the shoreline.

When I am not working, I spend most of my time exploring. Sometimes running, sometimes biking, and sometimes walking, often along the Grand Rounds National Scenic Byway, a linked system of parks with about 80 km of bike- and walkway, mainly along lakes and the Mississippi river. It is amazing, so I am not surprised it has been called the best-designed park system in America! I also happen to



live right along this park system in a neighborhood called Linden Hills. It is a beautiful area in southern Minneapolis, right by Lake Harriet and halfway between Downtown and Bloomington (where the office is).

I have also been to my first ever (American) football game, watching the Golden Gophers, the college team representing University of Minnesota, crush the Colorado Buffaloes. What a happening! Not just the match itself, but everything going on around it, including tailgating before and entertainment in the breaks. I guess I still have a bit to learn when it comes to the rules though, but maybe the company's internal NFL Pick'em challenge could be the motivator needed! Watching the Twins, Minnesota's baseball team, play at Target Field in Downtown Minneapolis was also an impressive experience. It is truly fascinating how big a part of the American culture these sports are!

An interesting fact about Minnesota is its Scandinavian heritage, which is often brought up when people find out I am from Sweden. Minnesota is the US state with the most Swedish Americans due to settlers coming from Sweden, primarily in the late 19th century. This is evident everywhere, from last names to city names (e.g., Lindstrom, Karlstad, and Mora), and not to forget, through the NFL team Minnesota Vikings.

Maybe Minnesota is not that different from Sweden after all, with many lakes, plenty of forest, and cold winters! These characteristics are even more noticeable in the north, which I got to experience when visiting Duluth, a port city on Lake Superior. However, I would still say that the differences outweigh the similarities. I mean, would you, as a Swede, consider using Snickers flavored coffee creamer or put pickles on your pizza!? The car-dependent lifestyle and political system are some other significant differences that stand out. I can also confirm that everything seems to be a little bit bigger here; the cars, the food packages, and the coffee cups, just to mention a few.

But I can live with that! I am adapting step by step, so let us see if I will eat peanut butter jelly sandwiches, follow every football game fanatically, and order everything from Amazon at the end of my stay.

And when it comes to the weather, countless people have tried to scare me about the crazy cold winters here. But that shouldn't be a problem for a Swede, right? Minnesota's humid continental climate also means that the summers are the total opposite which I got to experience at the beginning of my internship with some extremely hot and humid days.

Minnesota is not only famous for its cold winters but also for having the largest mall in the US, Mall of America. Of course I had to go there during my first weekend, and I can tell you I was not disappointed. Just the fact that they have an entire indoor amusement park with rollercoasters would excite most people. The two-story M&M store also stands out as being quite spectacular! And even if the mall is a bit chaotic, I am sure I will be going there again, especially since it is located just fifteen minutes from the office.



## Simon Schuster

### Area of study

Industrial Engineering and Management

### Best Memory

Visiting the Minnesota State Fair with my new colleagues.

### Worst Memory

Having to wait four hours at the Social Security Administration.



At the time of writing this, fall has arrived in Minnesota. Hot and humid summer days are replaced by chilly mornings and beautifully colored trees. Fall also means we are getting closer to Halloween, which you cannot miss as there are pumpkins everywhere. Thanksgiving is also coming up. It is going to be interesting to see how it compares to the Thanksgiving dinner we had with CESIP a year ago, a very nice event with typical food and alumni speeches that got us excited for our upcoming adventures in North America.

So far, my time in Minnesota has been great. I am very grateful for the opportunity to work as an intern at ExperienceIT, and I would like to thank all my colleagues for being so welcoming and friendly. I am especially grateful for all the help I got during my first two weeks when everything was a bit challenging with many things to sort out (apartment, phone number, social security number, transportation). Having spent just about a month in the US so far means that I still have plenty of time to learn new things, tackle interesting challenges, and explore before returning to Sweden in May next year. I am really looking forward to the rest of my stay here in the land of the 10,000 lakes!

**SIMON SCHUSTER**





# Tuss Anzelius & Ludvig Rodung

**G**oddard Space Flight Center (GSFC) is one of Nasa's major space research laboratories, located just outside Washington DC. It employs approximately 10 000 workers, split between around 3 000 civil servants (works directly for the US government) and 7 000 contractors. NVI is one of the contracting firms at Goddard, and specializes in Very Long Baseline Interferometry (VLBI) for space geodetic applications. The NVI team is quite small but has by now been working as a part of GSFC's VLBI group (part of Nasa's Space Geodesy Project) since 1992. Exactly three decades!

## NVI Inc.

Founded: 1992  
Number of employees: 10

**Office location**  
Greenbelt, MD

**Website**  
nviinc.com

It was around mid february when we both got an email from John, the CEO of NVI, offering us summer internships. We were both thrilled about the opportunity. After working on the CESIP board for approximately one year, Ludvig as internship coordinator contacting lots of potential internship companies and Tuss as chairperson leading the work for the whole organization, we finally achieved one of the goals we had been working towards. When we accepted the offer, John gave us two options; doing the internship remotely as the two previous years had done due to the pandemic, or try for an on-site internship and hope that the restrictions would not get in our way. We both knew that we really wanted to travel, so we began the long visa process and housing hunt and hoped for the best.

For housing, we looked at various Air Bnb's and emailed a few universities in the area inquiring about summer accommodation. But then John sent us an email saying that he had a couple of friends, Jaime and Daniel, who would be interested in letting us rent rooms in their house and stay with them. We were excited about the thought of



## Tuss Anzelius

**Area of study**  
Engineering Physics

**Best Memory**  
THE CAT WHISKEY & Excursions with Dirk.

**Worst Memory**  
Troubles with the bike.

getting even more of a cultural experience by living with an American family, so we went for that alternative. We scheduled a zoom meeting to chat, and they showed us around their house and introduced us to their cute cat Whiskey.

In early June after the last exam week



it was finally time to travel. The visa process had gone fairly hassle free for both of us, and we were allowed to fly to the US as long as we could show negative PCR-test results. We passed the tests, and flew our first two flights with two of our fellow CESIP friends, Lovisa and Hevar, who were traveling to their internships in Michigan. When we were changing flights the second time in Detroit we said goodbye to them and changed to our final flight going to Washington D.C. After a 22h journey we finally landed at the John F Kennedy airport in Washington D.C and now it was time to figure out the metro. Jaime and Daniel lived in one of the suburban cities called College Park just outside D.C. which was right next to Greenbelt where the NVI office and Nasa Goddard Space Flight Center is located. We struggled a bit with the metro machine since it would not accept our Swedish credit cards. When struggling at the metro station we noticed a surprising amount of people just jumping over the metro gates to get to the metro. But not wanting to break any laws during our first day in the US,

we luckily had some cash with us that made it possible to purchase metro-cards. Jaime and Daniel picked us up at the metro station and when we got to their house they offered us some dinner which was really nice. We chatted with them for a little while trying to stay awake but eventually had to go to bed. Due to the time difference Tuss woke up at five a.m. the next day, and this jet lag continued throughout the whole first week, while Ludvig did not seem very affected about the jet lag at all and slept like a rock.

The first day of work John picked us up at Jaime and Daniel's house and drove us to the office. For the rest of the summer we got to borrow bikes from John which we used for the 25 minute bike ride to and from work. Washington gets hot and humid in the summers and biking in about 30 degree Celsius every morning with three long hill climbs on the way was a true pick-me-up in the mornings. As we feared, from reading previous internship reports, Tuss's bike got several flat tires the first week. Ludvig's bike seemed to be fine, and after



## Ludvig Rodung

### Area of study

Engineering Physics

### Best Memory

Ribs at Red hot and Blue, Seeing the Discovery Space Shuttle.

### Worst Memory

Getting stuck in a thunderstorm while out biking.

buying a new tire tube and an extra for each bike there were no problems for the rest of the summer. So now, hopefully, the bikes are all fixed for next year's interns!







The company NVI (which funny enough is not an abbreviation for anything), is one of the contracting firms working at NASA Goddard Space Flight Center doing work in the field of space geodesy specializing in a technique called VLBI, which is an abbreviation for Very Long Baseline Interferometry. The technique uses antennas placed all over the world looking at bright radio sources in space called quasars to determine the earth's rotation and orientation in space. The first week was mostly reading up on the subject and familiarizing ourselves with some tools used within VLBI. The field is quite technical so there was a lot to learn. The idea behind VLBI is that you use the antennas placed around the globe to create a virtual antenna which in practice will become as large as the baselines between the antennas are. This makes it possible to look at objects very far away in space, but you need to use some different techniques to make up for the lack of data you get by not having a complete antenna disc. After the first week we got the project John wanted us to work on for the summer.

Our project was about modeling the quasars with elliptical gaussian functions, to help with scheduling VLBI sessions. This was done by writing a program in Python that used a least-squares approach to fit an appropriate amount of gaussians on source images of quasars and Fourier transform the results to produce predictions for what the VLBI antennas will see. For the curious one, the project is available on github at: [github.com/anzelius/QuasarModel](https://github.com/anzelius/QuasarModel).

Most of the staff at NVI were still working remotely, but they made sure to make their way into the office so we would not be there alone which we really appreciated. Once a week we had a meeting with everyone in GSFC's VLBI group where we got to hear what everyone else was working on which was interesting. Other than that the work was fairly independent with usually a couple of check ups a week with John where he guided us through the project. The lunch culture was exceptionally strong though, so we got to know all of our colleagues really well

by having lunch together at all of their favorite lunch places. We had planned to keep our food budgets low by mostly bringing lunch boxes, but with invites from our colleagues almost every day to tag along to some restaurant, this plan failed quite majorly... but it was definitely worth it. We probably tried out close to twenty different lunch restaurants during the summer, with quite a few repeat visits to the favorites. John grew up in India so he took us a few times to get authentic Indian food, but there were a lot of burgers, Mexican, BBQ and sushi as well. The most frequent lunch spot was definitely Osaka Sushi just opposite the main gate at Goddard. If you go there, try out the cheese dumplings and the Nasa rolls.

After biking home from work on the weekdays we usually had dinner with Jaime and Daniel which was really nice. Living with an American family was a great experience and a fantastic way to learn more about life in the US. Jaime and Daniel had hosted exchange students for several years, so they were quite used to sharing their house with



new faces by now. They liked sharing their views on American culture with us which made for some really interesting conversations, but they were also eager to learn about life and culture in Scandinavia. On the weekends we explored Washington and some places around the city, often together with another Chalmers student, Philip, who was also doing an internship in Washington, and with Joe from University of Texas who was another intern at GSFC's VLBI group. The metro was only a short walk away and took about half an hour to get to the city center. There is a lot to explore in Washington so we certainly did not run out of things to do. Some of the highlights include checking out the monuments

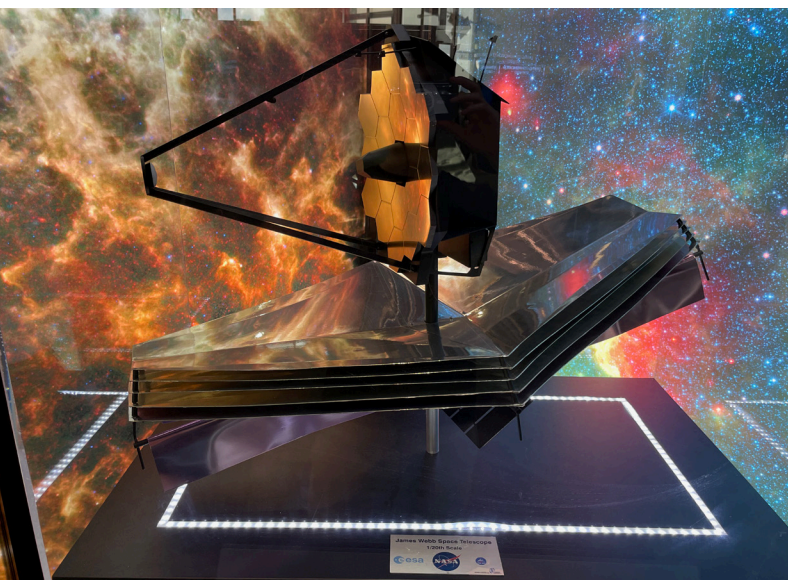
around the National Mall, visiting the Capitol, the fireworks on independence day, visiting Annapolis and going to a batting cage to hit some baseballs.

Another highlight and frequent weekend activity was the excursions with our colleague Dirk. These days with Dirk always started with him picking us up at 8:00 in the morning, before heading out to some new place. Dirk had visited all states in the US as well as most places worth visiting around Washington, so it is fair to say he was a well traveled and great guide. Some of the places we visited with Dirk were: Great Falls Park, Leesburg, Mount Vernon (George Washington's estate), a wine yard, Frederick and Alexandria.

Dirk was also a big fan of a good lunch and a cup of coffee after some sight-seeing, so all in all the excursions with Dirk gets the highest score possible.

The final week we had a presentation for GSFC's VLBI group as well as for a few people from the greater Space Geodesy Project, presenting our project and showing the program we had developed. After finishing the internship Ludvig made his way home to Sweden a few days later while Tuss stayed for an extra three weeks traveling within the US. Overall, we really enjoyed our summer in the US working for NVI!

**TUSS ANZELIUS &  
LUDVIG RODUNG**







# Zannah Walker

**L**ike The Mamas & The Papas, I think we are all guilty of California Dreamin' on a winter day. It is no secret that life is better on the beach and that the west coast is always the best coast, I can now guarantee that Orange County is no exception. A fun fact is that the state of California is also known as the golden state and I am beginning to see why.

## GoToMarketUSA

Founded: 2008  
Number of employees: 5

**Office location**  
Orange County, CA

**Website**  
[gotomarketusa.com](http://gotomarketusa.com)

Moving from one west coast to another has so far been an amazing experience. I am currently living in the O.C. (orange county) and it is just like many would picture it. It rarely rains and the beaches and the surf is amazing. Although, one thing that is not marketed is that you are completely handi-

capped without a car. The means of public transportation are limited if not close to nothing. Besides the car-issue, everything has so far been very pleasant on California's west coast. People are in general very friendly and love to make small talk, which makes finding friends very easy around here. The O.C. is also perfectly positioned, with a great selection of beaches along the entire coast and amazing cities surrounding it. Las Vegas, L.A., and San Diego are all easily accessible and within driving distance. Besides the cities and beaches, the nature in the surrounding areas is breathtaking, there are plenty of different hiking trails, both close to the coastline and in the mountains a bit more in-land. One of the coolest things about the O.C. is that you can easily go surfing one morning, skiing in the afternoon, and then make it back in time to feel the pulse of the LA-night-life all in one day. During my first week I did several hikes, both in Laguna Beach and Lake Forest. I have visited San Francisco Bay Area, San Diego, L.A., and several coastal towns such as Malibu, New Port, and Laguna Beach. Right now, I am looking forward to my next trips back to NY, San Francisco, and Las Vegas.



## Zannah Walker

**Area of study**  
Industrial Engineering  
and Management

**Best Memory**  
Surfing in Dana Point and Laguna  
after work.

**Worst Memory**  
Getting an Uber from LAX.

I am currently enrolled in an internship at GoToMarketUSA, a company that helps European companies (primarily Swedish companies) enter the U.S. market. Their services include assisting their clients with industry insights, strategic decision-making, company registration, sales activities, daily





operations, growth, and financing. Our services make it possible for European companies to get a local, physical presence in the U.S., while still being able to focus on their operations back home. We become our client's Nordic partner and contribute to hands-on expertise in how to expand or establish their business in the United States market. I have had the unique opportunity to work with several different technology companies in different fields. GoToMarketUSA's clients operate in a variety of industries such as medtech, cleantech, retail, e-commerce, industrial solutions, and software applications.

The company is in Irvine, Orange County, in a shared office space. The building is usually filled with start-ups, although since the pandemic many are still working from home. Besides the work hours spent at the office, I also regularly attend business events, which has allowed me to practice networking

and given me the opportunity to talk to very interesting people with different work backgrounds. My latest business event was at a forest-summit where different start-ups pitched their innovations. Since drought is a common important issue in California, most innovations aimed to help minimize the risk of forest fires and the harm done by them.

During my time here I have gained hands-on experience in helping our clients understand where they currently are in the market entry process and helped them define where they want to go, how to get there, and what their goals are. I have also gained great experience in project management and handling different CRM- systems to generate sales and leads. Furthermore, I have had the opportunity to both follow and guide different companies through an entire market entry process. As a Business Development and Project

Management intern, I have gotten to zoom out from the product and focus on seeing the entire operation. Being involved in the entire process has given me hands-on experience in seeing the bigger picture, which is something I have learned can only be done via working with a real-life case and stakeholders. Working with different clients and stakeholders has also forced me to be more creative and think outside of the box. Since every client is unique, there is never really a predetermined method to follow. My duties vary vastly depending on the case and which stage the client is in, some examples of things I do during a normal working day are creating business strategies, managing CRM systems, developing marketing material, and improving communication.

**ZANNAH WALKER**



# More photos from our interns

Yosemite. Photo: Albin Widengård



Seattle. Photo: Parsa Ariaman





Mississippi River. Photo: Simon Schuster



Photo: Alva Stöckel & Emil Alexsson



Great Salt Lake. Photo: Arvid Petersén



Photo: Ida Linnakallio



Space Shuttle.  
Photo: Tuss Anzelius & Ludvig Rodtung



Photo: Hugo Löfgren



# Greetings from the Board of Cesip 2023

**C**ESIP is an organisation that is simultaneously both so young, yet with such a great heritage. With its predecessors CETAC and AMCIP having been founded in 1966 and 1963 respectively, CESIP has well over 100 years of combined experience in organising internships for Chalmers' students. Now, we will continue this tradition.

First of all, we would like to extend our sincere gratitude to those who support CESIP and, consequently, enable the program to be a continued success. We would like to thank the board of CESIP 2022 and, above all, we would like to thank the companies in North America for their hospitality and for making these once-in-a-lifetime experience possible. We are looking forward to an-

other exciting year of working together!

As they now pass on the baton, one of our main goals for the coming year is to increase CESIP's presence on campus. We would find it regretful if interested students neglected to apply to CESIP, simply because they were oblivious about our organisation and mission. Meanwhile, we will nurture our long lasting relationships with our Swedish, US and Canadian friends, as well as build new bridges.

Lastly, we would like to thank our current members for a great time thus far, and we sincerely look forward to continue working with them the coming year.

## THE BOARD OF CESIP 2023



## Board of 2023

*Back row, from left to right:*

**Oscar Julsgård**  
Sales Manager

**Ludvig Tydén**  
Internship Coordination

**August Kälvesten**  
Chairman

**Samuel Collier Ryder**  
Editor

**Gustav Seffel**  
Internship Coordinator

*Front row, from left to right:*

**Kamelia Gradinarska**  
PR & Event

**Edenia Isaac**  
Sales Manager

**Hanna Ågren**  
Treasurer

**Ellen Bergmann**  
Internship Coordinator



# Thank you!

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US Embassy in Sweden  
Sandvik Group  
Canadian Embassy in Sweden  
IOWN Renewable Energy Inc.  
PACE  
ALTEN Technology  
ATECH Inc.  
Trelleborg Sealing Solutions  
Rema Tip Top

Atum  
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SKIM  
Amroth LLC  
Fraunhofer USA  
Amerden  
Monte Stott & Associates Inc.  
ExperienceIT  
NVI Inc  
GoToMarketUSA

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