

# Oscar Sjöberg



## Personal information

Oscar Sjöberg/  
河長圳  
Swedish  
34 years old

## Contact

Linköping - Sweden  
+46769779279  
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## Languages

Swedish, native  
English, fluent  
French, intermediate  
Chinese, intermediate

## Programming

Lua  
C/C++ (5+ years)  
OpenGL/CUDA  
Python (5+ years):  
Ada95/05  
Tcl  
Matlab

## Web

Nginx  
Html/css  
Javascript

## Software Testing

Pytest  
GoogleTest

## DevOps

Docker/Podman  
Docker-compose  
GitLab/Bitbucket  
Jenkins  
Ansible  
Artifactory/jfrog

## Driver license

Type B - regular cars  
(since 2010)  
A2 Drone-pilot

## Elevator Pitch

A curious engineer who treats every challenge like it's his own. Want me to handle yours too?

## Education

- 2018 - 2020 **Linköping University, LiU**, MSE in Image and Signal Processing Linköping - Sweden  
The Autumn of 2018 I started my specialization, Master in Science, towards image and signal processing.
- 2017 - 2018 **National Taiwan University, NTU**, Electrical Engineering Department Taipei - Taiwan  
Finished my undergraduate studies in Taiwan thanks to an exchange program between LiU and NTU
- 2015 - 2017 **Linköping University, LiU**, Applied Physics and Electronics Linköping - Sweden  
Two year of undergraduate studies
- 2014 - 2015 **Linköping University, LiU**, East Asian studies and Chinese Linköping - Sweden  
Preparatory studies in East Asian culture and history with main focus on the Chinese language.

## Experience

- 2024-2025 **Alten/SAAB Dynamics, Software Consultant/DevOps Engineer** Linköping - Sweden  
Software consultant at Alten, working at SAAB Dynamics. My tasks at SAAB Dynamics primarily involved embedded Ada development. A significant part of my work focused on DevOps, particularly developing CI/CD pipelines for legacy software. Additionally, I was responsible for testing and evaluating legacy software, where I gained experience with Tcl.
- 2020-2024 **MAXAR, Software Developer/Computer Vision Engineer/Team lead** Linköping - Sweden  
I joined MAXAR directly after graduation, primarily working on P3DR (Precision 3D Registration). Over four years, I contributed to developing computer vision algorithms, integrating P3DR on various hardware, evaluating performance and accuracy, and more. Working with a large C/C++ codebase, I gained experience in software testing, Git workflows, and build systems.  
For two years, I served as a team leader for the P3DR project. Additionally, I supervised several master's students during their theses at MAXAR, covering topics such as AI-based image retrieval, Simultaneous Localization and Mapping (SLAM), and image compression.
- 2019-2020 **Vricon, 3d analysis internship, part time and master thesis** Linköping - Sweden  
Enrolled in the 3d visualization summer internship the summer of 2019, developing 3d visualization tools for Vricon's OpenGL viewer. The tools were made in Lua and C++. During this autumn of 2019 I continued working part time for Vricon and in the beginning of 2020 I started writing my master thesis for Vricon – investigating different compression techniques for height data.
- 2018 **Linköping University, Teaching assistant** Linköping - Sweden  
Held a 2-week crash course covering the absolute basics of Chinese.
- 2011 - 2018 **Ramson AB** Motala - Sweden  
After graduating secondary education I started to work for Ramson AB, a family company, dealing with filtration and separation technology. Full-time until enrolling in university, after I worked on weekends and summers when they were short staffed.