

KLAS HOLMGREN

Developer with Mathematical and Analytical skills

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CAREER OBJECTIVE

Seeking a challenging career with opportunities to apply my skills as well as learn and grow.

EXPERIENCE

Data Scientist

Datavärde Teknik AB

2023- Gothenburg, Sweden

- Worked with a simulation for boat steering using controll theory including PID controller and MPC.
- Fullstack development using python with fastAPI, Jinaja, htmx and JavaScript.

Data Scientist

PromoSoft

2021-2023 Gothenburg, Sweden

- Working as Data Scientist at Promo Soft.
- This role include developing a demand forecasting model for inventory planning using python and the Sklearn library.
- In this role I have also worked with C and visual studio as full-stack developer.

Developer

Ericsson

2020-2021 Gothenburg, Sweden

- Working as developer at Ericsson 5G core.
- This role included working in an agile environment using Scrum.
- The mission was to develop and test the new 5G core. This mainly involved programming in C++.
- Work focused on testing and developing new features. For testing signal flow tests where used and development used c++ with boost and flyweight.

Image analysis of yeast cell lineages

Chalmers: Cvijovic Lab

2020 Gothenburg, Sweden

- Master thesis project at Chalmers analysing microscopy time-laps data of growing yeast cells.
- In this project I learned a lot about image analysis and available tools like OpenCV and Scikit-Learn. But also how to mange larger projects and report regularly ta an employer.

Teaching Assistant

Chalmers University of Technology

2020 Gothenburg, Sweden

- The role of the teaching assistant is to help with a course by holding certain lectures as well as correcting assignments etc.
- I have been an assistant for courses in probability, statistics, Matlab and mathematical analysis.

Private Teacher

Chalmers University of Technology

2015 - 2020 Gothenburg, Sweden

TECHNICAL SKILLS

Linux POSIX Threads HPC
Docker SQL Scikit Learn
OpenCV Tensor Flow Keras
Pandas Django Jira Scrum
Jinja HTMX FastAPI Flask
Optimisation Statistics

PROGRAMMING

Python ●●●●●●
Git ●●●●●●
R ●●●●●●
C++ ●●●●●●
C ●●●●●●
Linux ●●●●●●
HTML/CSS/JS ●●●●●●
Java ●●●●●●

HOBBIES

Kite Surfing Digital Art
Sketching Design Programing
West coast swing Lindyhop
Nintendo Games Economics
Philosophy

LANGUAGES

Swedish ●●●●●●
English ●●●●●●
French ●●●●●●
Japanese ●●●●●●

- I have worked as a private teacher for younger students needing help with mathematics and natural science.
- This has been through different organization such as Intize and Study Buddy. But Also privately.

Park Service

Liseberg

📅 2018 - 2019

📍 Gothenburg, Sweden

- During the summer I have worked with park service at Liseberg. This means keeping the park clean and helping visitors.

EDUCATION

M.Sc. Engineering Mathematics and Computational Science

Chalmers University of Technology

📅 2018 - 2020

📍 Gothenburg, Sweden

- The Master's program offers knowledge in optimization, statistics, data science and machine learning. As well as how these can be applied to different domains.

B.Sc. Engineering Physics

Chalmers University of Technology

📅 2015 - 2018

📍 Gothenburg, Sweden

- A advanced bachelors giving solid understanding in mathematics and ways it can be applied to understand the world.

Natural Science

Sigrid Rudebecks Gymnasium

📅 2012 - 2015

📍 Gothenburg, Sweden

- Studied Natural Science at Sigrid Rudebecks Gymnasium. Taking extra courses such as English 7, Math 5 and Mathematics Specialisation.