

SIMON ARDFORS

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EDUCATION

Linköping University

Applied Physics and Electrical Engineering

Master of Science, 300 ECTS credits

08/2022 – 06/2027

- Specialization: Data Science and Machine Intelligence
- First three years of program provide a basis of mathematics, physics and programming.
- Last two years dive deeper into the subjects of linear algebra and statistics and how they power all of modern machine learning and AI technology.
- Hands-on programming experience through labs and projects

Institute of Science Tokyo

Information and Communications Engineering Department

Exchange Year

09/2024 – 08/2025

- Classes corresponding to year 3 of Linköping degree, but taken in Japanese at a university ranking top 3 in Japan
- Received scholarship from Sveriges Ingenjörer for exchange studies

Linköping University

Asian Studies

Language courses for engineering students, 60 ECTS credits

08/2021 – 06/2022

TECHNICAL SKILLS

Python

- Solved assignments in classes related to statistics and machine learning, frequently with Numpy, Matplotlib and Pandas libraries
- Built scripts to automate tasks such as renaming files, accessing website API information

C language

- Written programs in data structures and algorithms course, systems architecture courses

Linux environments

- Comfortable with Linux development environments including Git version control, virtual environments and reproducible workflows
- In spare time, configured tiling window management system, text editor for development efficiency
- Experience with networks, server hosting and management in cloud and on premise for websites as well as other software
 - * SSH, SCP, Firewall configuration, Tailscale, file hosting and automatic backups

PROFESSIONAL EXPERIENCE

PostNord

Postal Worker

Sandviken

Summers 2022 and 2023

- Delivered mail and packages to households
- Managed collection service of mail and packages for local companies
- Planned and adjusted routes and schedules for transition to new every-second-day mail delivery scheme

Gefle Segel Sällskap

Youth Sailing Instructor

Gävle

Summers 2019–2021

- Planned, managed and executed sailing instruction camps for groups of ~30 children ages 8–12 together with a group of other instructors my age

ADDITIONAL EXPERIENCE

- Japanese Language Proficiency Test level N1
- In 2021, was part of board of student organization *East Asian Association*, organizing events bringing Swedish students and exchange students together
- During 2022–23, together with a group of three other students as a “fadder”, planned and organized events for the two-week welcoming period for the ~20 new students at the Asian Studies program
- Swedish B driver’s license