LISA SAMUELSSON

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EDUCATION

Chalmers University of Technology **August 2022 – June 2024**
Master of Science, Data Science and AI *Gothenburg*

Chalmers University of Technology **August 2019 – June 2022**
Bachelor of Science, Software Engineering *Gothenburg*

COURSEWORK / TECHNICAL SKILLS

- Data Structures & Algorithms
- Object Oriented Programming
- Scrum
- Mathematical Modelling
- Nonlinear Optimization
- Bioinformatics
- Probability & Statistics
- Stochastic Optimization

Languages: Java, Python (eg. Pandas, Numpy, Scikit-learn, Keras), SQL, JavaScript, Matlab, R

PROJECTS

Automation of a Beehive - Bachelor Thesis **January – June 2022**
- **Analyzing data** from sensors on a beehive using **machine learning** to identify potential health issues in bee colonies.

ChangeIt - Apartment Swapping App **April – May 2021**
- Mobile application written in **Java**, using **Android Studio.**
- Part of the course **Agile Software Project Management**.

EXPERIENCE

Volvo Trucks **June 2022 – August 2022**
Summer Intern - Data Science *Gothenburg*
- Developed an API that help facilitate the access to certain data for truck mechanics.
- Created a program that automates tests in an internal data system in order to minimize manual labour, and ensure quality and correctness of stored information.

Chalmers University of Technology **September 2021 – Present**
Mentor *Gothenburg*
- Mentoring a student with a disability.
- Helping to plan their studies and work towards the goals we set up.

Chalmers University of Technology **August 2020 – Present**
Student Ambassador *Gothenburg*
- Sharing my experience as a student at fairs, meetups and events.

Willys Elisedal **March 2020 – May 2022**
Store Employee *Gothenburg*
- Cashier in a grocery store, providing advice and assistance to customers.

EXTRACURRICULAR

Chalmers University of Technology **March 2020 – Present**
Note-Taker *Gothenburg*
- Sharing my lecture notes with students with disabilities.