

Olle Lindgren

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Education

Chalmers University of Technology

2019 - M.Sc. Data Science & AI

- *Relevant coursework:* Design of AI Systems, Applied Machine Learning, Automotive Eng. Project.
- Thesis on DevOps for connect vehicles, in collaboration with Chalmers Formula Student Driverless and REVERE. The thesis explores how OTA software updates can be simultaneously carried out for large vehicle fleets with heterogeneous multi-vendor systems, using only fully licensed open-source software.

2019 Exchange student: National Chiao Tung University (NCTU), Taiwan (ROC)

- *Relevant coursework:* Stochastic Processes, Intelligent Computational Algorithms.

2016 - 2019 B.Sc. Engineering & Industrial Management

- *Relevant coursework:* Management Information Systems, Operations Management, Logistics, Industrial Marketing.

University of Gothenburg

2019 Introduction to law, 15hp.

Professional experience

2020 - Co-founder & CIO, NNIP Invest AB

- **NNIP Invest** is a start-up focusing on sustainable investments and ventures.
- Currently, our biggest initiative is postersforcharity.com, where we sell posters with a kick-back to charities.
- My role has been in web development, and the back-end order-management system, which handles the integration between our website's database, our supplier, and our shipping provider.

2020 Data Scientist intern, Volvo Group Trucks Technology

- Streamlined component fault diagnostics significantly by creating TensorFlow-based software tools that enable developers to quickly visualize advanced component fault statistics.
- Automated the time-consuming process of sharing data analyses, by creating a node in the Simulink-like tool Sympathy for Data that generates, uploads, and shares HTML reports.

2018 - 2019 Production worker, Volvo Group Trucks Operations

2017 - 2018 Private maths Teacher, Allakando

Extracurricular and non-profit

2020 - Software Engineer & Team Captain, Chalmers Formula Student Driverless

- **CFS Driverless** is a development project for building an autonomous battery-electric race car for competition in Formula Student competitions around July 2021.
- As Team Captain, I have technical responsibility for the project and support the project engineers.
- As a software engineer, I have built both our SLAM system and the path-planning algorithm. I also work with DevOps/CI (Linux, Docker, GitLab), and high-level mission control logic.
- I also assist with the work on the car's 600V power electronics.

2019 IT responsible, Chalmers International Taiwan Office (CITO)

2017 IT responsible, IEM Student division (I-Styrelsen)

2017 PR responsible, ESTIEM Local Group Gothenburg

Software

- Linux, Docker, Python, Git, C++, SQL, R, Java, HTML, CSS, JavaScript, TensorFlow, Keras, Scikit-Learn, Statsmodels, Pandas, Numpy, Scipy, Matlab, Altium, Adobe suite, Office suite