

# 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 tools.

**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** 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 work with DevOps/CI (Linux, Docker, GitLab), and mission control.
- I also maintain the car's 600V power electronics.

**2019** IT responsible, Chalmers International Taiwan Office (CITO)

- **CITO** is a student-run office on the NCTU campus and works with corporate relations in Taiwan, as well as the production and release of Asia Magazine.

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

- Elected IT-responsible and board member of the student division less than three months after enrolment at Chalmers.
- Oversaw the complete redesign of the student division's website, i-chalmers.se.

**2017** PR responsible, ESTIEM Local Group Gothenburg

- **ESTIEM** is an organization for connecting students engineering & management students across Europe and is present at 82 different universities. Over 3000 students take part in 180 international events annually through ESTIEM.
- Worked with Europe's largest case competition TIMES, as well as two international exchange trips.

## Software

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