

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 in navigation systems for Autonomous vehicles in the context of FSAE driverless racing.

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 (CTO-equivalent), Chalmers Formula Student Driverless

- **CFSD** 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 extensively modified our autonomous navigation system, which has completely eliminated navigation errors, and significantly reduced lap times.
- I also lead the work on the car's 600V power electronics.

2020 - 2021 Interim Project Leader, Chalmers Formula Student Driverless

- After our project leader unexpectedly left the project, I took on the role of project leader for a period of seven months.

2019 IT responsible, Chalmers International Taiwan Office

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

2017 PR responsible, ESTIEM Local Group Gothenburg

Software

- I like to work with Python, C++, SQL, Git, Linux, and Docker.
- A couple of small libraries that I intend (but do not guarantee) to maintain indefinitely are available on <https://github.com/OlleLindgren>.