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>.