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 - Co-founder & CIO, NNIP Invest AB

* + **NNIP Invest** is a start-up focusing on sustainable investments and ventures.
  + My primary focus has been the back-end order-management system for an e-commerce website that we are in the process of launching, which handles the integration with our supplier and shipping provider using automated e-mail, and an API exposed through REST.

### 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

* + **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 either written myself or extensively modified most of our autonomous navigation system, which has resulted in competitive performance on the level of other FSAE driverless teams, with much lower complexity than most.
  + I also work with the car’s 600V power electronics.

### 2019 **IT responsible, Chalmers International Taiwan Office**

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

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

# Software

* + Python, Git, C++, SQL, R, Java, HTML, CSS, JavaScript, Linux, Docker, Docker-compose, MATLAB, REST