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, Financial Time Series.
  + Thesis on DevOps for autonomous vehicles, in collaboration with Formula Student and REVERE.

### 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 - Team Captain, Chalmers Formula Student Driverless

* + **CFS Driverless** is a development project for building an autonomous battery-electric race car for competition in several Formula Student competitions around August 2021.
  + As team captain, I have overall technical responsibility for the project.
  + I also work with software engineering related to CI, mission control, navigation, and pathfinding.

### 2019 - Investing Strategy Evaluator (ISE)

* + I am the creator of a large Python framework for stock market analytics.
  + Bots with different ML-based trading strategies are created and tested in stock market simulations.

### 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, Git, C++, R, Java, Python, TensorFlow, Keras, Scikit-Learn, Statsmodels, Pandas, Numpy, Scipy, Matlab, Adobe suite, Office suite