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.
  + M.Sc. thesis at Chalmers Formula Student Driverless.
  + Expected graduation in June 2021.

### 2019 Exchange student: National Chiao Tung University, 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.

# Professional experience

### 2020 **Data Scientist intern, Volvo Group Trucks Technology**

* + I created TensorFlow-based software tools that enable developers to quickly visualize advanced component fault statistics in an intuitive way, which was not previously possible.
  + I automated the time-consuming process of sharing analytics reports with others, through 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 Teacher, Allakando**

* + I taught extracurricular mathematics to high school students.

# Extracurricular and non-profit

### 2020 - Software Engineer, 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 next year.
  + I work with software engineering related to mission control, navigation, and pathfinding.
  + My M.Sc. thesis will be carried out within the scope of CFS Driverless.

### 2019 - Investing Strategy Evaluator (ISE)

* + I am the creator of a large Python framework for machine learning-based stock market analytics.
  + Bots with different trading strategies are created and tested in stock market simulations, and a bot that is profitable in simulations is assumed to also be profitable in the real world.

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

* + I was elected IT-responsible and board member of the student division less than three months after enrolment at Chalmers.
  + I oversaw the complete redesign of the student division’s website, i-chalmers.se.

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

* + **ESTIEM** is an international organization for connecting students of Industrial engineering & management across Europe and is present at 82 different universities. Over 3000 students take part in approximately 180 international events annually through ESTIEM.
  + I was responsible for promoting local and international ESTIEM events to Chalmers students.
  + I took part in arranging the case competition TIMES, and 1-week exchange trips with students from Spain and Germany.