

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 in collaboration with REVERE, on CI for autonomous vehicles.

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 Teacher, Allakando

- Taught extracurricular mathematics to high school students.

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 trading strategies are created and tested in stock market simulations.
- Strategies typically involve machine learning methods using TensorFlow, Scikit-Learn or Statsmodels.

2019 IT responsible, Chalmers International Taiwan Office (CITO)

- **CITO** is a student-run office on the NCTU campus and works with corporate relations, connecting students with Taiwanese companies.
- CITO also manages 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 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, and took part in arranging, the case competition TIMES, as well as two 1-week exchange trips with students from Spain and Germany.