Olle Lindgren

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Education

Chalmers University of Technology

2019 - M.Sc. Data Science & AI

- o *Relevant coursework*: Design of AI Systems, Applied Machine Learning, Financial Time Series.
- o Thesis in collaboration with REVERE, on CI for autonomous vehicles.

2019 Exchange student: National Chiao Tung University (NCTU), Taiwan (ROC)

- o *Relevant coursework*: Stochastic Processes, Intelligent Computational Algorithms.

2016 - 2019 B.Sc. Engineering & Industrial Management

- o *Relevant coursework:* Management Information Systems, Operations Management, Logistics, Industrial Marketing.

Professional experience

2020 Data Scientist intern, Volvo Group Trucks Technology

- o 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.
- o 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

- o I taught extracurricular mathematics to high school students.

Extracurricular and non-profit

2020 - Team Captain, Chalmers Formula Student Driverless

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

2019 - Investing Strategy Evaluator (ISE)

- o I am the creator of a large Python framework for stock market analytics.
- o Bots with different trading strategies are created and tested in stock market simulations.
- o Strategies typically involve machine learning methods using TensorFlow, Scikit-Learn or Statsmodels.

2019 IT responsible, Chalmers International Taiwan Office (CITO)

- o **CITO** is a student-run office on the NCTU campus, and mostly works with corporate relations between Taiwanese companies and Swedish students in Asia. CITO also manages the production and release of Asia Magazine, which is written by Chalmers students in Asia.

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

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

2017 PR responsible, ESTIEM Local Group Gothenburg

- o **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.
- o 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.