



Michael Sörsäter

MACHINE LEARNING DEVELOPER · COMPUTER SCIENTIST

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Education

Linköping University

MASTER OF SCIENCE IN COMPUTER SCIENCE

- Profile: Machine Learning & Artificial Intelligence.

Linköping, Sweden

Aug. 2016 - Jun. 2018

Linköping University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Linköping, Sweden

Aug. 2013 - Jun. 2016

Experience

Kapch TrafficCom

MACHINE LEARNING DEVELOPER

- Vehicle classification.
- Object detection of vehicle axles.
- UI development and calibration functionality for single camera calibration.
- Tools:** Python, Keras, C++, Docker, Git

Jönköping, Sweden

Jan. 2019 - ongoing

Veoneer

MACHINE LEARNING DEVELOPER

- Pedestrian and vehicle classification for autonomous vehicles.
- Visualization tool for machine learning algorithms' performance.
- Tools:** C++, Python, Keras, Git, Gerrit

Linköping, Sweden

Aug. 2018 - Jan. 2019

Veoneer

MASTER'S THESIS STUDENT

- Active Learning for Road Segmentation using Convolutional Neural Networks.
- Investigated how model uncertainty can limit training data by letting the model select its own data.
- Available here
- Tools:** Keras, Python, LaTeX, Matplotlib

Linköping, Sweden

Jan. 2018 - Jul. 2018

Autoliv (Veoneer)

SOFTWARE DEVELOPER - SUMMER INTERNSHIP

- Visualization tool for machine learning algorithm's performance.
- Evaluation and visualization of DGPS calibration system.
- Tools:** C++, Python

Linköping, Sweden

Jun. 2017 - Aug. 2017

Teknomedia

SOFTWARE DEVELOPER - SUMMER INTERNSHIP

- Web application for CRM processing and visualization.
- Tools:** SQL, C#, JavaScript, HTML

Norrköping, Sweden

Jun. 2016 - May 2017

Extracurricular Activity

Dataknologsektionen Linköping University

SECRETARY IN THE DATAKNOLLOGSEKTIONEN BOARD

- Secretary for board meetings
- Head of the web committee that developed dataknologsektionen.se

Linköping, Sweden

Jul. 2015 - Jun. 2016

Swedish Home Guard

SOLDIER

- Part of the 302nd company.
- After doing GMU (swedish military service) I joined the Home Guard.
- Took part in regular military training.

Linköping, Sweden

Mar. 2014 - Oct. 2016

Skills

Software Advanced Python, C++, Keras, TensorFlow, Linux, Git, Docker, LaTeX, Matplotlib, Jupyter

Software Moderate Jenkins, C, SQL, R, C#, Java, Matlab, VHDL, HTML, JavaScript, CSS

Other Swedish Driver's Licence (B)

Scholarship Scholarship for the best Technical-college-student at the gymnasium of Njudung in Vetlanda

Languages Swedish, English