



Michael Sörsäter

MACHINE LEARNING DEVELOPER · COMPUTER SCIENTIST

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Education

Linköping University

MASTER OF SCIENCE IN COMPUTER SCIENCE

- Master's Profile: Machine Learning & Artificial Intelligence

Linköping, Sweden

Aug. 2016 - Oct. 2018

Linköping University

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Linköping, Sweden

Aug. 2013 - Jun. 2016

Experience

Kapsch TrafficCom

MACHINE LEARNING DEVELOPER

- Vehicle classification
- Object detection of vehicle axles
- UI development and calibration implementation for robot calibration tool
- Team responsibility for sprint planning
- **Tools:** Python, Keras, C++, Docker, Git, Jira

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 - Oct. 2018

Autoliv

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 AND PART TIME

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

Norrköping, Sweden

Jun. 2016 - May 2017

Extracurricular Activity

DataTeknologsektionen Linköping University

SECRETARY IN THE DATAEKNOLOGSEKTIONEN BOARD

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

Linköping, Sweden

Jul. 2015 - Jun. 2016

Linköping University

TEACHER LINEAR ALGEBRA

- Had a class in Linear Algebra for 1 semester

Linköping, Sweden

Sep. 2015 - Dec. 2015

Linköping University

LAB ASSISTANT SWITCHING THEORY AND LOGICAL DESIGN

- Lab assistant for several classes

Linköping, Sweden

Sep. 2015 - Mar. 2017

Swedish Home Guard, 302nd company

SOLDIER

- Took part in regular military training

Linköping, Sweden

Mar. 2014 - Oct. 2016

Göta Engineers (Ing 2)

MILITARY TRAINING (GMU)

- Basic Military Training

Eksjö, Sweden

Mar. 2013 - Jun. 2013

Skills

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

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

Certifications ISTQB: Foundation Level Certificate in Software Testing

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

Languages Swedish, English