

Joar Nykvist

M.Sc. Student Machine Learning



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Kungshamra 3/apt 1033, Stockholm, Sweden



+46707896448



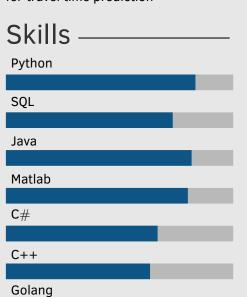
github.com/jn01674361



joar.nykvist@gmail.com

About me —

I am a Machine Learning master's student at the KTH Royal Institute of Technology, looking to professionally engage in Software Development and Data Science. My bachelor degree was Engineering Physics, which has given me a solid foundation in physics and mathematics. During my master's degree, my goal has been to gain competence both in Machine Learning and Computer Science. I am currently working on my Master's Thesis Project at Scania CV AB, focusing on predictive machine learning models for travel time prediction



Education

since 2017 M.Sc. Machine Learning Stockholm, Sweden

KTH Royal Institute of Technology

since 2014 Degree Program Engineering Physics Stockholm, Sweden

KTH Royal Institute of Technology

2016 Exchange Semester

Instituto Tecnologico de Monterrey

2013-2014 Diploma in Hispanic Studies Barcelona, Spain

Universitat de Barcelona

Work Experience

2019 Master Thesis Student Scania CV AB

Predicting travel times of trucks by mapping historical GPS-coordinates to well-defined roads, enhancing the data with features like weather conditions, traffic events, etc., and training a predictive

Machine Learning algorithm on the processed patterns.

2018 Junior Data Engineer Sunstone Systems

Sunstone maintains a customer database for Sweden's largest media house. During a summer internship I made a GUI for this database using Javascript with the React.js framework. In the fall of 2018 I have been working on setting up a new log management system for

this same database.

2016-2017 Python Developer

Ericsson

Monterrey, Mexico

I was an intern here two consecutive summers. In 2016 I constructed a tool for automatic data transfer between backlog software and an anatomy program. In 2017 the main project was developing a tool for automatically configuring settings on Dell Servers by operating a

remote access controller through a Python script.

Publications

2017 Bachelor Thesis KTH Royal Institute of Technology

In my bachelor thesis I put together a Java program for handling a stream of motion capture data such that sonification could be applied on top and then be used as therapy for kinesiophobia victims.

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Voluntary Commitments

since 2017 Treasurer and Co-producer KTH Royal Institute of Technology

The semi-annual student play of the Physics chapter.

2015-2016 Stage Makeup Coordinator KTH Royal Institute of Technology

The semi-annual student play of the Physics chapter.

[Languages]

Swedish Mother tounge

English Can speak and write fluently.

Spanish Can speak and write fluently, given a few days to get accustomed.

Miscellaneous

2007-2010 Studied at the American International School - Riyadh, in Saudi Ara-

bia. Grades 7-9. All instruction was in English.

2008-2010 Member of International Track & Field Team at American International

School - Riyadh. Participated in annual competitions in Cairo, Egypt.