Soeren H. Mulvad

Curriculum Vitae

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS)
MSc in Computer Science
Aug 2020 - Dec 2021
Specialisation in Artificial Intelligence

UNIVERSITY OF COPENHAGEN
BSc in Computer Science
Sep 2017 - Jun 2020
Specialisation in Data Science
GPA: 11.3 / 12
Exchange Semester at NUS (4.7 / 5)
Aug 2019 - Dec 2019

COURSEWORK

Neural Networks and Deep Learning
AI Planning and Decision Making
Big Data Systems for Data Science
Uncertainty Modelling in AI
Elements of Machine Learning
Data Science
(Teaching Assistant)
Randomized Algorithms
Algorithms and Data Structures
Modelling and Analysis of Data
Math Analysis and Statistics
Computer Systems
Software Development
Linear Algebra in Computer Science
Interaction Design
Programming and Problem Solving
(Teaching Assistant)
Principles of Economics

SKILLS

LANGUAGES
Experienced
Python • C# • F# • Bash •
JavaScript • PostgreSQL • PHP

Some experience
Scala • Java • C/C++ • Haskell

FRAMEWORKS/LIBRARIES
PyTorch • TensorFlow • Matplotlib •
Numpy • Scikit-Learn • React

GENERAL SOFTWARE
Git/GitHub • Azure • LaTeX•
Photoshop • Final Cut Pro

EXPERIENCE

NATIONAL UNIVERSITY OF SINGAPORE | Teaching Assistant
Aug 2020 – Now | Singapore
- Carrying out tasks that supplement teaching at professor level in BT5110.
- Conducting tutorials, marking of course assignments and administrative tasks.

IT MINDS | Software Developer
May 2019 - Jun 2020 | Copenhagen
- Carrying out consultancy work on software development projects, writing code that solves business problems.
- Projects include set up of data pipeline for ID card recognition task.
- Technologies used include TensorFlow, JavaScript/React and PostgreSQL.
- NB: On hold July 2019 - December 2019 due to exchange semester.

UNIVERSITY OF COPENHAGEN | Teaching Assistant
Sep 2018 – Jun 2020 | Copenhagen
- Carrying out tasks that supplement teaching at professor level.
- TA'ed in the modules *Data Science* and *Programming and Problem Solving*.

BANEDANMARK | Student Assistant
Nov 2017 – Jul 2018 | Copenhagen
- Primarily constructing clear reports with SAP and making data more accessible.
- Automated tasks that before took 1-2 hours, resulting in them taking mere minutes and being less error-prone.

FORSVARET | Compulsory Military Service
Aug 2016 – Dec 2016 | Aalborg
- Leadership experience as chairman of barrack room. Final grade: A2.

EXTRACURRICULAR ACTIVITIES

SCIENCERÅDET | Chairman of study environment
Dec 2017 – Dec 2018
- Represented 9,500 full time BSc and MSc degree students and 1,150 PhD students at the University of Copenhagen in the Science Faculty where I was advocating for better study environment.
- On a few occasions gave talks and speeches for professors and fellow students.

LIBERAL ALLIANCES UNGDOM | Director of Campaigns
Feb 2017 – Mar 2018
- Main person responsible for outward communication, especially in the form of social media and graphical campaigns. Designed material that was printed in 40k copies and distributed by volunteers nationwide.
- Lead and educated the members of the campaign committee.

AWARDS

2020   Chosen as 1 of 20 people among 700+ applicants   First Ascent International