Simon Vinding Brodersen

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About me

I have found a great interest in system level programming and optimizations. At the University of Toronto I took a course called "Operating Systems", which proved to be one of my favorite courses during my time as a University student. So much so, that I am currently working on a bachelors thesis in accelerator based computing with the Risc-V process architecture. I also plan on taking my master's degree in Computer Science. When I have free time on my hands I enjoy spending it actively. I just got back to playing football, after having suffered a broken ankel last season. Furthermore, I enjoy going to the gym regularly.

Education

University of Toronto 2023 Sep – Dec
Exchange semester at Computer Science St. George campus

University of Copenhagen 2021 – Present
Bsc. Computer Science and Economics

STX Gymnasium 2017 – 2020
Mathmatics and Chemistry on A-levels

Skills

Languages: C, Python, Java, C#, Cython, F#, LaTeX, linux

Frameworks: Django, Flask

Experience

University of Copenhagen – IT-employee 2023-Present
As an IT-employee at the University of Copenhagen, I have worked in a team on the development of a python library called adaXT, which implements tree based learning algorithms with a focus on adaptability. For performance the project was mainly written in Cython.

A-Evidence – Developing assistance 2020 – 2021
Throughout this job I helped with the training of the AI used in the company as well as the general office work

Hyldegaard I/S – Office assistance 2018 – 2021
At Hyldegaard my main work was keeping track of and registering the hour slips of my colleagues in the program Microsoft Dynamics C5. Along- side this I found easements on properties as well as assisting in drawing parcel maps.

Projects

Movie List Project 2023
During my time at UofT, I helped in creating a movie list project. The project was written in Java, and made used of the omdp API to fetch movies, such that users could see ratings before choosing if they wanted to add the movie to a watchlist. Furthermore, users were able to add their own personal ratings to the movies seperate of the official ratings.

adaXT 2023-Present
adaXT aims to provide a fast and adaptible tree based learning library for Python. The project was developed as part of my employment at the University of Copenhagen.