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Profile

Jeg er en BSc Kunstig Intelligens og Data-studerende på DTU med erfaring i softwareudvikling og en ambition om at lære om iværksætteri og bygge på mine tekniske færdigheder i et tech-startup. Jeg har anvendt React, Node.js, SQL og CSS til at bygge min porteføljevemmeside samt C# ved at implementere unit testing og logging i mission control-systemet for den rumraketsbyggende studieorganisation *DanSTAR*. Jeg har derudover udviklet stærk evne i kommunikation som elevrådsformand for 250 elever på *Gymnastikhøjskolen i Ollerup* og som programmeringsunderviser for 120 studerende på DTU.

Jeg ser frem til muligheden for at lære fra dygtige folk og bidrage til udviklingen af en ny konsulentplatform hos TechTal ApS.

Education

BSc Artificial Intelligence and Data student, Technical University of Denmark

September 2023 - current

- **GPA: 11.1 / 12**
- Taking extended courses in **Algorithms** and **Machine Learning**
- 6th-place finisher in the *Danish National Championship in AI 2024* under team name *Powered by SmartFridge*

Experience

Mission Control Developer, Danish Student Association for Rocketry

September 2024 - current

- Implementing **unit testing** and **logging** in a large **C# codebase** in a team
- Refactoring old code to be safe and maintainable, using appropriate **design patterns**

Student Assistant, Copenhagen Applied Research A/S

April 2024 - current

- Implementing **Python automation scripts** for data collection and processing

Teaching Assistant, Technical University of Denmark

January 2024 - current

- Teaching 120 students *Computer Programming* as Assistant Lecturer
- Teaching *Statistics* and *Intelligent Systems* as Teaching Assistant
- Helped convert the *Statistics* course textbook and exercises from **R** to **Python**

Projects

Full-Stack Website (React, TypeScript, CSS, PostgreSQL)

July 2024 - current

- A dynamic self-deployed website to show off my projects
- Integrated **frontend** and **database** through **Node.js** with appropriate **code structure**

Modelling of Membrane Degradation (NumPy, pandas, SciPy, scikit-learn)

March 2024 - May 2024

- Paid contract work to data model for *Aprisium Pte. Ltd.*, a Singapore-based environmental services start-up
- Extensive **code documentation** and **data visualizations** (**Matplotlib**)

Self-Operating Computer (LangChain, OpenAI API)

February 2024 - May 2024

- Program to visually perceive a computer screen, and navigate using mouse, keyboard, and **GPT-4V** reasoning
- Built with **Python** with robotic process automation start-up *Symbolik.ai*

Technical skills

TypeScript, React, HTML, CSS
SQL / PostgreSQL
C# / .NET, RESTful APIs
Python / PyTorch / LangChain
Git, Markdown
Google Cloud, AWS

Languages

Danish, native
English, fluent
Spanish, beginner
German, beginner

Additional qualifications

- Chairman of the student council for 250 students at *Gymnastikhøjskolen i Ollerup*. I improved efficiency by delegating responsibilities to small task groups.
- Certified personal trainer, having worked with regular people to promote health through exercise and nutrition without toxic self-criticism.
- Cultural insight from solo-backpacking many times across Europe. I like working with international and diverse groups of people.
- 4-month army enlistment on Bornholm. This taught me to teamwork effectively even under stressful conditions.
- Experience performing music as guitarist and front singer - this has helped me get over a fear of public speaking.
- Great joke-teller according to my programming students!

