Magnus Bennett

Student at
DTU

About me

I'm studying a (MSc) in Human-Centered Artificial Intelligence at DTU. I have 2 years left of my masters. I'm looking for a position as a data scientist.

Links

- GitHub
- LinkedIn
- My Portfolio Website

Skills

- </> Python, SQL, C#, C, HTML, CSS, JavaScript
- Data Analysis, Statistics, Algorithms, Unity
- Machine Learning, Pytorch, TensorFlow

Work Experience

Teaching Assistant (TA) at DTU
Part-time
Feb 2024 – May 2024
- Courses: Symbolic Artificial Intelligence and Numerical Algorithms
- Responsibilities: helping students with exercises, assignments and technical problems

Assistant at Fest of Farver in Lyngby
Part-time
Jan 2020 – Mar 2020

Education

(MSc) in Human-Centered Artificial Intelligence, DTU
Feb 2024 – Aug 2026 (estimated)
Current Courses:

- Computational Tools for Data Science
- Machine learning for signal processing
- High-Performance Computing

(BSc) in ARTIFICIAL INTELLIGENCE AND DATA, DTU
Aug 2020 – Jan 2024
Select Courses:

- Introduction to machine learning and data mining (10)
- Introduction to mathematical statistics (10)
- Project in Statistical Evaluation for Artificial Intelligence and Data (10)
- Database Systems (12)
- Signals and data (12)
- Algorithms and Data Structures 1 (12)
- Machine Learning Operations (BE)

Data and ML Projects

Offline RL Using Transformers (DTU)
View more at my portfolio website (link)

- Period: 4th semester of bachelor
- Project description: Implementing and extending Offline RL transformer research paper
- I learned about: Transformers, Offline RL, MuJoCo, Linux, Docker

Bachelor Project about Web Scraping using LLM's (DTU)
View more at my portfolio website (link)

- Period: Last semester of bachelor
- Project description: Finetuning an open source LLM for webscraping using QLoRA.
- I learned about: LoRA / QLora, quantization, web scraping, large language models.

Database Project (DTU)
View more at my portfolio website (link)

- Period: 6th semester of bachelor
- Project description: Formula 1 database that keeps track of races, cars, driver, etc.
- I learned about: SQL, relational database math, how databases are implemented.