

MAGNUS BENNETT

Student at
DTU

About me:

I'm studying a (MSc) in Human-Centered Artificial Intelligence at DTU. I have about 1 year left of my masters.

Links

-  GitHub
-  LinkedIn
-  My Portfolio Website

Skills

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

WORK EXPERIENCE

Data Scientist Intern at Magnet

Internship

FEB 2025 – MAY 2025

- Tech: Docker, FastAPI, PostgreSQL, Github Actions, GitHub Issues, LangChain, OpenAI API
- Responsibilities: ML development, data pipeline engineering, collaboration & product development

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

EDUCATION

(MSc) in Human-Centered Artificial Intelligence, DTU

FEB 2024 – AUG 2026 (ESTIMATED)

Recent 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
- Introduction to mathematical statistics
- Project in Statistical Evaluation for Artificial Intelligence and Data
- Database Systems
- Signals and data
- Algorithms and Data Structures 1
- Machine Learning Operations

DATA AND ML PROJECTS

Offline RL Using Transformers

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

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

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.