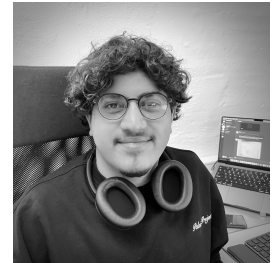


MICHEL YILDIRIM

Computer Science Student at Aarhus University

✉ michelyldrm@cs.au.dk

🌐 LinkedIn



Profile

Computer Science MSc student specialising in Artificial Intelligence, with focus on Human-Centered AI and Natural Language Processing. Strong background in Python-based experimentation, AI-adjacent system development, and user-facing interfaces. Experienced teaching assistant with proven ability to support students and collaborate in academic environments.

Education

Aarhus University

MSc Computer Science

08/2025 - ONGOING

AARHUS, DENMARK

- ▶ Specializing in Artificial Intelligence: Machine Learning Theory, NLP and Human Centered AI.

Aarhus University

BSc Computer Science

09/2022 - 07/2025

AARHUS, DENMARK

- ▶ **Bachelor's Project:** Developed and evaluated Wikinsert, an NLP-driven, human-centered AI tool supporting Wikipedia editors in entity insertion through entity-aware highlighting and user studies.
- ▶ Selected Coursework: Machine Learning, Numerical Linear Algebra, Compilers, Distributed Systems and Security, Programming Languages, Experimental Systems Development.

Nyborg Gymnasium

International Baccalaureate

2019 - 2022

NYBORG, DENMARK

- ▶ Higher Levels: Mathematics AA, Physics, Business Management.

Experience

CLAN @ Aarhus University

Student Assistant

FEB 2025 – PRESENT

AARHUS, DENMARK

- ▶ Working on the **NoHands Project** for hands-free software development.
- ▶ Building frameworks for motor-impaired developers to improve control and automation.

Morch Solutions

Junior Software Engineer (Student)

JUN 2024 – PRESENT

AARHUS, DENMARK

- ▶ Implementing new features and tackling application challenges.
- ▶ Developed GitLab pipelines, various APIs, and frontend components.
- ▶ Stack: Java/Kotlin (Backend), TS/JS, HTMX, Svelte (Frontend), Docker.

Aarhus BSS, Department of Management

Teaching Assistant, Digital Fundamentals & Emergent Technology

AUG 2025 – DEC 2025

AARHUS, DENMARK

- ▶ Taught introductory Object-Oriented modelling (UML) and simple Javascript.

Aarhus University, Department of Computer Science

Teaching Assistant, Introduction to Programming

AUG 2023 – DEC 2025

AARHUS, DENMARK

- ▶ Mentored 25+ students in Java OOP across multiple semesters (Fall/Spring 2023–2025).
- ▶ Collaborated with professors and TAs to optimize the learning experience.
- ▶ Maintained and improved a test server for algorithmic programming assignments.

Voluntary Work

AUHack 2026

Organizer

- ▶ Responsible for sponsor management and outreach.
- ▶ Planning and coordinating catering for 100+ participants.
- ▶ Budget management and financial coordination during the hackathon.

OCT 2025 – PRESENT

AARHUS, DENMARK

DSAU – Computer Science Student Association

Board Member

- ▶ Planning and hosting both social and academic events.
- ▶ Liaison for sponsors and partners.
- ▶ Responsible for IT, including the website and technical operations.

MAY 2025 – PRESENT

AARHUS, DENMARK

Education Committee

Student Representative

- ▶ Communicating student needs and challenges to the department.
- ▶ Contributing to the development and quality assurance of the degree program.

OCT 2023 – PRESENT

AARHUS, DENMARK

Projects & Activities

Incommodities Case Crunch 2025

- ▶ Energy production forecasting using Python and Kaggle.

AUHack - Scheduling Problem (2024)

- ▶ Developed a Python game simulating CPU/GPU scheduling; achieved Honorary Mention.

AUHack - Streaming Data API (2022)

- ▶ Built a functional Python solution to clean and deliver weather forecast streaming data.

Skills

Programming Python (ML/Data), TypeScript/JavaScript (Web), Java/Kotlin (JVM/Backend).

Frameworks SvelteKit, ReactJS, Tailwind CSS, HTMX, Docker.

AI & Data Machine Learning Foundations, NLP project work, Data Preprocessing & Evaluation.

Languages English (Fluent), Danish (Fluent), Turkish (Native).