



Matei Alexandru Dobre

Computing science student

Seeking Opportunities to Apply Technical Skills and Enhance Knowledge

✉ dobre.matei.ichb@gmail.com

📍 Groningen, Netherlands

☎ +31 6 11 46 12 60

🌐 [linkedin.com/in/matei-alexandru-dobre-42b92b180](https://www.linkedin.com/in/matei-alexandru-dobre-42b92b180)

ABOUT

As a computer science student, I am passionate about exploring the intersection between technology and society, with a particular focus on cutting-edge artificial intelligence. I have a strong foundation in multiple programming languages, and have experience working with software development tools and methodologies. With a strong work ethic and a commitment to learning, I am eager to apply my skills and knowledge to a challenging role that aligns with my values and interests.

SKILLS

Technical skills:

Java, Python, C++, R, C, SQL, data governance, web scraping, data wrangling, predictive modelling

Soft skills

communication, critical thinking

EDUCATION

Computing Science, bachelor's degree University of Groningen

09/2020 - 06/2025

Groningen

PERSONAL PROJECTS

Custom GPT Framework for Intelligent Query Handling (09/2023 - 10/2023)

- As part of a student-led project that was pitched to the University of Groningen, I worked on developing the backbone of a chatbot designed to help students easily access information that is otherwise scattered across numerous pages. The system processed user queries by searching Google while restricting results to university-related pages. The top results were then scraped and processed using OpenAI's API. A large language model (LLM) summarized the collected data and presented the answer in a clear and human-like manner to the user.

Predictive Modeling for Seal Survival Outcomes (02/2022 - 07/2022)

- As part of my bachelor's degree, I collaborated with the Zeehondencentrum Pieterburen research center to develop a predictive model to determine a seal's survival based on its blood samples. The project involved working with data that was initially kept in different formats and contained missing sections, requiring extensive cleaning and preprocessing. After the preparation of the data, the model was trained. During this step, multiple model types were explored and steps were taken to optimize performance and ensure accurate predictions. To finalize the project, a user-friendly GUI was built, to allow the model's use.

INTERNSHIPS

SQL report developer Agricover Credit

06/2019 - 09/2019

Bucharest

LANGUAGES

English
Full Professional Proficiency

Romanian
Native or Bilingual Proficiency