



Adelina-Dora Mazilu

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Groningen

Adelina Dora Mazilu

WORK EXPERIENCE



MGRID, Software Engineering Intern Feb 2026 - Present

I am currently working on a software for syntactic and semantic validation for YAML configuration files and version history and control for configurations of medical data.



CERN - LHCb COLLABORATION, AI & Computing Collaborating Student Feb 2026 - Present

I am currently working on improving tau decay detection at the LHCb using machine learning methods.

umcg:

UNIVERSITY MEDICAL CENTER GRONINGEN, AI Engineering Intern Sept 2025 - Feb 2026

I and three fellow students developed and deployed a prediction model for the severity of side effects which lung cancer patients might face while undergoing immunotherapy. The data used for training the model consisted of clinical history of patients, blood test results as well as full body PET-CT scans of the patients. Uncertainty quantification was also implemented to combat overconfidence of the model.

Atos

ATOS, Student Intern Jun 2022 - Jul 2022

I and a team of fellow students developed an E-learning game in Python. We learned about application development and deployment through interactive sessions at Atos and got an insight into how IT services are provided to clients.

EDUCATION

BS. ARTIFICIAL INTELLIGENCE Sept 2023 - Present

University of Groningen

Fields of study and selected courses:

ML: Machine Learning, Applied Machine Learning, Reinforcement Learning Practical

NLP: General Linguistics, Natural Language Processing

Robotics: Autonomous Systems, Robotics Practical

Mathematics: Calculus for Artificial Intelligence, Linear Algebra and Multivariable Calculus, Statistics, Numerical Methods



HONOURS PROGRAMME Jan 2024 - Present

University of Groningen

Fields of study and selected courses:

Interdisciplinary collaboration in science: Stem Cell Biology and Applications, Particle Physics Tutorial, Interdisciplinary Mindset

Teamwork: Stem Cell Biology and Applications, Particle Physics Tutorial, Effective Teamwork, Interdisciplinary Teamwork



HIGH SCHOOL DIPLOMA Sept 2019 - Jun 2023

"Grigore Moisil" High School of Computer Science

Fields of study:

Information Technology: Database and network design and administration, Software and applications development and analysis, Computer use

Natural sciences: Mathematics, Physics and Biology



DIGITAL SKILLS

| Software usage skills | | Programming Languages | |
|--|---------|--|---------|
|  Git, GitLab and GitHub | (good) |  Python | (good) |
|  Docker | (good) |  R & R Studio | (good) |
|  Postman | (basic) |  C/C++ | (good) |
|  Microsoft Office (Word, Excel, PowerPoint) | (good) |  SQL | (basic) |
| Operating systems ( Windows &  Linux) | (good) |  HTML &  CSS | (basic) |
|  Visual Studio Code | (good) |  LaTeX & Overleaf | (good) |

VOLUNTEERING

GIRL SCOUT LEADER

Jul 2021 - Present

Mountain Scouts Association



- Fully organizing and coordinating summer and scout camps for (for around 30 people)
- Processing and organizing personal data
- Creating pedagogical lessons for teenagers
- Bringing the idea of responsibility into the new generations
- Parent-association mediation

SEXUAL EDUCATION TEACHER

May 2020 - June 2022

"Grigore Moisil" High School of Computer Science



- Teaching about contraception and sexual health
- Making students feel comfortable discussing in class important topics that may be considered taboo

LANGUAGE SKILLS

 Romanian - Native Speaker

| | Listening | Reading | Speaking | Writing |
|---|------------------------|------------------------|------------------------|------------------------|
|  English | C1 Proficient user | C1 Proficient user | C1 Proficient user | C1 Proficient user |
|  German | B1 Independent user | B1 Independent user | B1 Independent user | B1 Independent user |

AWARDS

Mentions at the following Olympiads and contests

- National Linguistics Olympiad 2022
- National physics contest "Constantin Sălceanu" 2021, 2022
- Regional physics Olympiad 2020, 2021, 2022
- Regional astrophysics and astronomy Olympiad 2022
- Regional biology Olympiad 2020

HOBBIES AND INTERESTS

Cooking, Traveling, Hiking, Cycling, Sewing, Opera