Miko Erker

Amsterdam | mikoerker@gmail.com | mikoerker.nl | linkedin.com/in/mikoerker | github.com/mikoerker

Professional Summary

An Artificial Intelligence bachelor's student at Vrije Universiteit Amsterdam with a versatile, interdisciplinary mindset. Originally from Slovenia, I bring adaptability, teamwork, and critical thinking to every challenge.

Skills

Backend: Python, C++

Frontend: HTML, CSS

Tools: VS Code, GitHub

Soft Skills: Teamwork, Communication, Problem-Solving, Adaptability, Critical Thinking

Education

Vrije Universiteit Amsterdam, BSc in Artificial Intelligence — Sept 2024

- **Coursework:** Python, Psychology, Intelligent Systems, Computational Thinking, Dynamic Modelling for Human-Centered Systems (CPR), Logic and Sets

Volunteering

World Youth Ultimate Championships, Birmingham, UK — June 2024

- Assisted participants and spectators with navigation, directions, and event-related questions
- Supported catering operations by organizing and maintaining dining areas
- Helped with equipment preparation to ensure smooth event operations

Projects

Measuring Rotation and Reflectance Spectrum of Asteroid 354 Eleonora — March 2023

- Measured the rotation period and reflectance spectrum of asteroid Eleonora 354 by observing it through red, green, and blue filters using a telescope in Chile and analysing the obtained photometric data
- Tools Used: Astro Pixel Processor, AstroImageJ, Vizier, LoggerPro

Evaluating Search Depth in Schnapsen: A Minimax vs. Alpha-Beta Showdown — January 2025

- Examined the impact of varying the search depth parameter on the performance of the Minimax and Alpha-Beta pruning algorithms in the game of Schnapsen by assessing their average score, win rate, and computation time against a Random bot
- Tools Used: Python

Licenses & Certifications

Certificate in Advanced English (C1) issued by Cambridge University Press & Assessment English — June 2023

Learn C++ Course issued by Codeacademy — March 2025

Learn Git & GitHub Course issued by Codeacademy — March 2025