Piotr Marciniak

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Education

ETH Zürich	2025-Present
MSc Statistics	*Zürich, Switzerland*
Maastricht University	2022-2025
BSc Data Science and Artificial Intelligence	*Maastricht, The Netherlands*

- Cum Laude, Honours track of the program
- Top 2%, Ranked 4th out of 199

Experience

Data Analyst	Jun 2024-Present
OptimSim, Part-time	*Remote*

- Examining historical and present data to uncover optimization possibilities and detect inefficiencies.
- Analyzing data to detect anomalies and improve scheduling algorithms.
- Designing dashboards and reports for performance optimization and behaviour analysis.

Data Science Research Intern	Sep 2023-Jul 2025
Sibelco, Part-time	*Maastricht, The Netherlands*

- Two year internship within KE@Work honours track. Working individually under supervision from the university and the company.
- Implemented a parameter optimization pipeline to determine the settings for input settings of the mill.
- Designed a mathematical model to predict variations in control variable of PID control loop with delay, leading to enhanced controller tuning.

Skills

Languages: Polish (native), English (C1), German (B1)

Programming Languages: Python (advanced), R (intermediate), Java (intermediate), SQL (intermediate)

Other Interests

Triathlon: Training and racing triathlon for last 4 years with an average of 10 hours per week.

Chess: Playing chess since 2019 including participation in local tournaments.