

NACE SEVER

EDUCATION

M.Sc. in Computer Science and Mathematics

FMF, University of Ljubljana, 2022 - 2025 (expected)

B.Sc. in Computer Science and Mathematics

FRI, University of Ljubljana, 2018 - 2022

Completed with an average grade of 8.6, with a thesis titled

Fieldwork Scheduling with Mixed-Integer Linear Programming.

WORK EXPERIENCE

Student Researcher

Jožef Stefan Institute, 2021 - 2025

- Extending Moarching library for efficient computation of multi-objective indicators in higher dimensions.
- Creating a suite of benchmark problems for multi-objective optimization.
- Developing algorithm for scheduling of field work.

PERSONAL PROJECTS

Biathlon Race Outcome Prediction

2022-2025

Developed a full machine learning pipeline leveraging advanced statistical methods to predict individual athlete performance in biathlon races, used for betting advice and predictions.

Insurance Policy Recommendation Engine

2024

Built a customer-policy recommendation system in collaboration with Zurich Insurance (ZCAM) as part of a Data Science competition.

Graph Neural Network for Basketball Tracking

2023

Applied graph neural networks to model and predict player and ball trajectories during NBA offensive plays using spatial-temporal tracking data.

Cycling Time Trial Pacing Optimization

2023

Built a physics-based simulation and optimization framework to compute the most efficient pacing strategy in time-trial for cyclists on varied terrain.

CONTACT

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SKILLS

- Python
- Matlab
- SQL
- Git
- Statistics
- ML & DS
- Deep Learning
- Algorithms
- Optimization
- Visualization

AWARDS AND HONORS

- **5th place** National competition of students in mathematics for Vega awards 2022
- **6th place** National competition of students in mathematics for Vega awards 2019

LANGUAGES

- **Slovene** (native)
- **English** (fluent)
- **Spanish** (intermediate)

PERSONAL INTERESTS

- Sports: cycling, football, hiking
- Programming fun projects
- Puzzles and games

OTHER EXPERIENCE

- **Erasmus exchange**

2023 - 2024

Spent one semester at the Faculty of Sciences and Technology of the University of Coimbra