Stjepan Đelekovčan

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PROFILE SUMMARY

A software engineering student interested in application development, data science and machine learning. A history of working on hobby projects, learning different programming languages for different purposes. Besides programming interested in mathematics and mathematic implementations in code. Participated in mathematics and coding competitions as an elementary school and highschool student. Ambitious, competitive, team inspired, adaptive, innovative.

WORK EXPERIENCE

Smartivo tehnologije d.o.o., *Back-end developer – API (internship)*   September 2024 – October 2024
- Implementation of Django API endpoints for various purposes in a large system.
- Work in a team environment using tools such as JIRA, Github and Microsoft Teams.

AVL-AST d.o.o., *Student Data Engineer*   October 2025 –
- Development of ETL Workflow tasks and a Python Processing library for Time Series analysis.
- Work with latest architectures and technologies such as ELK stack, Prefect, Kubernetes, Docker and GitLab CI/CD

PROJECT EXPERIENCE

ConnectiNET   October 2023 – January 2024
- Full-Stack web team project in the context of university (PROGI@FER).
- Development of Flask backend and PostgreSQL database along with React frontend.

Evolutionary training of an agent for autonomous control in 2D simulation   March 2024 – June 2024
- Bachelor's thesis on usage of genetic algorithms in training intelligent agents.
- Development of the complete infrastructure of the genetic algorithm including neural networks and an advanced 2D simulation environment in Java.

EDUCATION

University of Zagreb, Faculty of Electrical Engineering and Computing   October 2021 – June 2024
Bachelor of Science in Computing
Grade: 4.417, CUM LAUDE (top 10%)

University of Zagreb, Faculty of Electrical Engineering and Computing   October 2024 – July 2026
Master of Science in Computing

RELEVANT COURSEWORK

Data Mining | Machine Learning 1 | Deep Learning 1 | Analysis of Massive Datasets | Neural Networks
Statistical Data Analysis | Selected topics in Software Development 1 | Design Patterns | Databases

SKILLS

Decision making | Adaptive | Complex problem solver | Team oriented
Python | C++ | Java | React | Flask | Django | PostgreSQL | Docker | Tensorflow | PyTorch | R | MS Office

LANGUAGES

Croatian (native), English (fluent), German (low level)