

# Stjepan Đeleković

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## PROFILE SUMMARY

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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

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**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.
- Thorough automatized testing of implemented API endpoints.
- Work in a team environment using tools such as JIRA, Github and Microsoft Teams.

## PROJECT EXPERIENCE

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**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.

**Optimization of work Sunday schedule using genetic algorithms** March 2025 – June 2025

- Development of an algorithm for maximization of profit and citizen satisfaction related to work Sundays.

## EDUCATION

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**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*

Grade:

## RELEVANT COURSEWORK

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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

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

## LANGUAGES

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