

EDUCATION

Masters Degree

2024 - Current

- Average of 4.5 (90%)
- Graduate program communications and space technologies, FER University of Zagreb

Bachelors Degree

2021 - 2024

- Average of 4.314 (90%)
- Electrical Engineering and Information Technology, FER University of Zagreb

High School

2017 - 2021

- St. Joan of Arc Catholic Secondary School (Canada)
- High honors (average above 90%) in grade 12

SOFT SKILLS

- Time Management
- Problem-Solving
- Creativity
- Teamwork
- Conflict Resolution

SOFTWARE AND CODING LANGUGES

- CST Studios
- GIT
- MATLAB
- C
- Linux
- Java
- JavaScript
- CSS
- SQL
- Python
- Mentor Graphics

LANGUAGE

- English (Native)
- Croatian (B2.2 level)

LICENSE

- B category

SUMMARY

As a final year graduate student of electrical engineering with a strong interest in electronic systems and software development, I am committed to creating innovative and effective technical solutions. My combination of experience in electronics, programming, and simulation allows me to understand systems from multiple perspectives, from hardware design to software implementation. I am motivated to continue my professional development in an environment that encourages learning, thinking, collaboration, and the application of modern technologies.

WORK EXPERIENCE

Ericsson Nikola Tesla

2025

Quality Assurance Engineer (9 months)

- Evaluated the performance of radio units connected to antennas for 4G and 5G applications
- Gained experience in the Linux environment and wrote/executed tests in Java and Python

Yazaki Europe Limited

2024

Internship (1 month of experience)

- PCB design in the software Mentor Graphics for two SMA connectors connected to a 1DP header
- Simulated results in CST Studios and optimized my PCB
- Gained practical understanding of key RF concepts such as TDR, IL, RL, ANEXT, AFEXT, LCL, LCTL, differential/common mode, and mixed-mode S-parameters.

PROJECTS

Working with PROF. DR. SC. Silvio Hrabar

2024 - 2025

Working in software CST (1.5 years)

- 3D modelling and simulation of antenna

Algorithm for Magnetic Resonance Fingerprinting

2025

Seminar under the guidance of my mentor, DOC.DR.SC. Jelena Božek

- Used a brain MRI dataset to develop a Python-based algorithm for visual segmentation of brain tissues.

Website Development

2025

Personal website development (3 months)

- Developed the full stack (frontend and backend) of a personal website using JavaScript, CSS, and an SQL database.