NOVAK STIJEPIĆ

Software engineering student
Belgrade, Serbia

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Projects:

🔗 **github.com/novaktj**
k **kaggle.com/novakstijepic**

Skills

·Teamwork
·Communication
·Public Speaking

Technical skills:

·Git
·Bash

LinkedIn

Scan the QR code to visit my LinkedIn page

linkedin.com/in/novakstijepic

Education

Oct 2023 – Sept 2027 – Bachelors in Software Engineering – School of Electrical Engineering **(ETF)** at University of Belgrade – **9.81** average grade
2019 – 2023 – Mathematical Grammar School, Belgrade

Work experience

PFE Science and Engineering Center (01/2024 -)

-Mentor for ML projects and an organizer during week-long camps
-Managed a Jupyter server, which enabled a single IDE for students' notebooks and a shared dataset.
-Devised and created a **website** for enhancing our webinars, providing live feedback to lecturers.

Pupin Challenge 2024 – Teaching and organizing at international event

Awards - Hackathons and Olympiads

-Descon 8.0 Belgrade Hackathon 2024 – **winning team** (IoT hackathon)
-EuroBot Junior 2023 – **winning team** in Serbia (robotics)

-Balkan Mathematical Olympiad 2022 – **bronze** (IMO bronze level)
-Serbian state competition in mathematics 2022 – absolute **1st place**

Personal programming projects

Machine learning and Data analysis:
- Ray tracing in **PyTorch** for small light sources
- XG metric improvement - feature engineering and ML
- Completed the fastai Practical Deep Learning course

NumPy projects at PFE center:
- Hotword detection (signal processing)
- Motion estimation (computer vision) – used a cloud VM

Other:
-**Argo Student Robotics Team** – Autonomy and Embedded teams
-Websockets with Python
Languages: Python, C, C#, C++, SQLite, Rust

Certificates and test results

ACT – **36/36** in all 4 areas

GRE - **170/170** quantitative; 163/170 verbal

IELTS English test – C1 (8.0)

Hobbies

Rock climbing
Debate club in high school