

Djordje Grebovic

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WORK EXPERIENCE

Aparteko

Nov 2024 – Present

Full Stack Engineer

- Working on a chain of complex, data-intensive applications, focusing on reliability, performance, and scalability.
- Develop and maintain end-to-end features using modern technologies such as TypeScript, Node.js, REST APIs, Python, and AWS services.
- Collaborate closely with team to design, implement, refine and optimize features.
- Ensure high quality of code by writing automated tests and maintaining solid testing coverage across critical parts of the system.
- Contribute to technical discussions, code reviews, and continuous improvements of existing codebases and development processes.

Aparteko

Jun 2024 – Sep 2024

Software Engineer Intern (ML)

- Designed and implemented AI-based anomaly detection models to identify abnormal behavior and patterns in complex datasets.
- Worked extensively with Python and machine learning libraries such as PyTorch and TensorFlow, including data preprocessing, feature engineering, and model training.
- Re-engineered an existing cheating detection algorithm by replacing rule-based logic with ML models, improving flexibility and detection capability.
- Collaborated with senior engineers and data scientists to integrate ML solutions into production workflows and evaluate their performance.

EDUCATION

University of Belgrade

2020-2024

Bachelor's degree, Computer Science and Information technology

- Graduated with a GPA of 9.3/10. Currently enrolled in Master's Degree with GPA 10.0
- Worked for several years as an Undergraduate Student Teaching Assistant, supporting courses and helping students understand core computer science concepts.

- Member of the H-Bridges student organization (2022/23)
- Selected key academic projects:
 - Developed a small but fully functional core of a multithreaded operating system with time-sharing.
 - Implemented an assembler, linker, and emulator, gaining a deep understanding of low-level programming and compilation toolchains.
 - Built a clinic website using the MEAN stack (MongoDB, Express, Angular, Node.js), covering backend APIs, frontend UI, and database design.

SKILLS

Algorithms and Data Structures, Python, TypeScript, Node.js, SQL, MongoDB, AWS (cloud), RESTful API, Concurrent and Distributed programming, very strong knowledge in network and security, Communication and Collaboration, Teamwork.