





About Me

Technical skills	Python, C/C++, Java, Typescript, Julia, MySQL, Linux, Perforce, Git, Jira
Web & Design	HTML/CSS, PHP, Angular, JavaScript, Adobe Photoshop, Blender, Latex
Languages	Native in Serbian, Full professional proficiency in English
Hobbies & Interests	Photography, Machine Learning, Competitive Programming, Problem solving

Work Experience

-  **Oracle** [REDACTED], Serbia [REDACTED]
GaalVM Intern
- Developed and tested VSCode extensions for GCN and Micronaut as a member of the Tooling team. Worked on improving GraalVM features and OCI project deployment pipeline. Wrote comprehensive tests within Jenkins automation platform and developed a full-fledged IntelliJ IDEA extension with Java.
-  **Microsoft** MDCS [REDACTED]
SWE Intern @ Havok
- Optimized and added new features in Microsoft's Physics Engine - Havok. Developed new demos and tested performance impacts on different gaming platforms - Xbox, PlayStation & Nintendo. Worked on the Particle System pipeline and improved its deterministic algorithm on CI
-  **University of Belgrade, Faculty of Electrical Engineering** Serbia [REDACTED]
Undergraduate Teaching Assistant
- Assisted with teaching and laboratory exercises in Algorithms & Data structures, Object Oriented Programming, Computer networks 1, Databases 1, Programming 1. Communicated effectively with faculty regarding student progress.

Projects

github.com/stevomitric 

- MatJudge API**
- Remote code execution, evaluation and judging API service using a micro web framework – Flask
 - Implemented runtime and memory usage limits, resource distribution and token authorization
- Multithreading extension**
- Implemented Thread support for Intel 8086 CPU architecture in Borland C++
 - Events and interrupts managing with embedded assembler code
 - Integrated semaphore support for thread synchronization

Competitions & Achievements

- Participated in International Olympiad in Informatics, IOI, (national team, BiH) *Tsukuba, Japan, 2018*
- 1st place at a National Competition in Informatics (3x) *Banjaluca, BiH, 2017, 2018, 2019*
- Balkan Olympiad in informatics, jBOI (national team, BiH) *Ohrid, Macedonia, 2015*
- Member of a committee for creating and recommending tasks at Microsoft's Bubble Cup competition and Bosnian Olympiad in Informatics *Sarajevo, 2020 - present*

Education

- University of Belgrade, School of Electrical Engineering**
- Bachelor of Electrical Engineering *Belgrade, Serbia, [REDACTED]*
Won a gold medal at the "Elektrijada" competition.
Graduate Thesis on "Visual simulator of k-nearest neighbors' algorithm"
 - Master of Software Engineering *Belgrade, Serbia, [REDACTED]*