



Ana Zorić

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Programming languages

C C++ C# Java
Python SQL Pascal
JavaScript HTML CSS

Competitions

- ✓ **2nd place** in Eestech Challenge Hackathon 2023
 - Topic: mobile game development
 - RPG hyper casual game made in Godot
- ✓ **2nd place** in OpenIT GameJam Hackathon 2022
 - Topic: year 2100
 - RPG game made in Godot
- ✓ **3rd place** in SUMA Hackathon 2022
 - Topic: Slot Machine
 - Java desktop app

Volunteering

- ✓ **EEESTEC** – Electrical Engineering STudents' European Association (March 2021 - present)

Education

- ✓ Faculty of Electrical Engineering, University of Belgrade – Department of **Software Engineering** (2020 – Present)
- ✓ 4th year of studies
- ✓ GPA of 9.68

Work history

- ✓ Internship at **Microsoft Development Center Serbia** (MDCS)
 - November 1st 2022 – February 28th 2023
- ✓ Internship at **Microsoft Development Center Serbia** (MDCS)
 - November 15th 2023 – March 15th 2024

Projects

- ✓ CityHopper – group project: **Web App** based on BlaBla Car (Python, Django, SQL)
- ✓ Operating systems: **simple kernel** for RISC-V processor (C, C++, ASM)
- ✓ Operating systems: efficient **memory allocation algorithm** for RISC-V processor based on Buddy and Slab allocation (upgrade of the previous project) (C, C++)
- ✓ Program compilers: **Compiler for microjava** (Java)
- ✓ Dockerized **e-commerce web app** (Flask + Ethereum for payment + Spark server for big data processing)
- ✓ **REST API** for **web store** consisting of client app, server and 3 subsystems (Java, MySQL Server, JMS and JPA for intersystem communication)
- ✓ **Desktop app** for **delivery service** with RT order tracking (Java, JDBC, MSSQL Server)
- ✓ **PGP security simulator** – AES, DES for encryption; El Gamal, DSS for digital signature (Python)

Skills

- ✓ Proficient knowledge of **algorithms and data structures**
- ✓ Proficient knowledge of **Object oriented programming** in C++, Java, C# and Python
- ✓ Experienced in **concurrent and distributed programming**
- ✓ Intermediate knowledge of **Machine Learning and Neural Networks** (Python, Matlab)
- ✓ Experienced in **backend development** (Django, Flask, MEAN, Springboot)
- ✓ Experienced in **Web frontend development** (Vue.js, Angular)
- ✓ Experienced in **database modeling** (SQL, MySQL, MSSQL, MongoDB)
- ✓ Experienced in **test automation** (Selenium, Selenium Web Driver, JUnit4, JUnit5)
- ✓ Proficient knowledge of **design patterns and modeling** (UML)
- ✓ Experienced with **Git**
- ✓ Experienced with **Docker**
- ✓ Advanced in work with **Linux**
- ✓ Familiar with **dynamic programming**
- ✓ Languages: **Fluent in English** (level C1), **Spanish** (level B2)