



Ana Zorić

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Programming languages

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

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 Web and API development (Django, Flask, Vue.js)
- ✓ Experienced in database modeling (SQL, MYSQL, MSSQL)
- ✓ 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)

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++)
- ✓ 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)

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
- ✓ Participation in Eestech Challenge Hackathon 2022
 - Topic: Machine learning
 - Model for classifying types of land for drilling
- ✓ Participation in Brand New Engineers Abb Robo Challenge 2022
 - Topic: Palleting on yumi robot
- ✓ Participation in Brand New Engineers Blockchain Hackathon 2022
 - Topic: Blockchain
 - Assistive tool for working with blockchain
- ✓ Participation in AIBG 2022
 - Topic: Machine Learning
 - Algorithm for a bot competing with other bots in a game

Volunteering

- ✓ EESTEC – Electrical Engineering STudents' European AssoCiation (March 2021 - present)