AMER MUJALO

SOFTWARE DEVELOPER

CONTACT

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◎ Sarajevo, Ilijaš

SKILLS

- Programming: Python, C++, C#, Java, SQL, Julia
- Web Application Development: HTML, CSS, JavaScript
- Tools: Visual Studio, Simulink, SimEvents, Mbed Studio, Qt Creator
- Version Control: Git, Azure DevOps, BitBucket

EDUCATION

Bachelor's

Faculty of Electrical Engineering, University of Sarajevo

2021-2025

Computer Science and Informatics (Računarstvo i informatika)

VOLUNTEER

Red Cross

2018- 2020

EESTEC-Sarajevo

Active Member

LANGUAGES

English

German

Bosnian

PROFILE

Passionate about technology and eager to contribute to a team of experts, I am a student at the Faculty of Electrical Engineering, University of Sarajevo, majoring in Computer Science and Informatics. Throughout my undergraduate studies, I have actively developed skills in programming, software development, networking technologies, and cybersecurity. With valuable practical and theoretical knowledge gained from computer science projects and assignments, I am confident in my ability to make a valuable addition to your team.

WORK EXPERIENCE

Intern at BHPosta

One of the significant projects I worked on during my internship at BHPost was BHP_SwitchErrorLog. The goal of this project was to develop a tool for detecting and displaying network errors, with a particular focus on integration with SolarWinds software. The tool was implemented as a web application using an SQL database and automated data updates via BAT and PowerShell scripts. Through this project, I enhanced my skills in database management, process automation, and web application development.

Currently working

- I am currently working on my bachelor's thesis under the mentorship of Professor Saša Mrdić, titled Honeypot and Honeynet – Tools for Detecting and Analyzing Network Threats. The objective of this thesis is to explore techniques for detecting, monitoring, and analyzing malicious activities in network environments. By implementing and simulating Honeypot and Honeynet technologies, I aim to focus on their application in securing network systems.

- As part of the Computer Modeling and Simulation course, I am writing a seminar paper on the topic of DDoS attack simulation and defense strategies using the SimEvents tool. The work focuses on modeling network vulnerabilities, simulating attack scenarios, and evaluating mitigation strategies.

- Currently, I am also participating in the Coding Talent Show organized by Skyline Communications. Within this program, we are enhancing our knowledge of object-oriented programming in C#, while practicing agile teamwork methodologies. This experience is further strengthening my skills and preparing me for real-world software development challenges.

Your Job Position here

My interest in working with your company stems from my desire for professional growth and contributing to a team of experts who share a passion for innovation and technology. Considering my past experiences and commitment to continuous learning, I believe I could be a valuable addition to your team.