

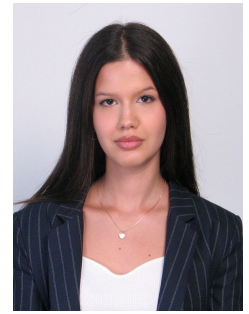
Katarina Dimic

Software Engineering Student

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🐙 GitHub



🎓 Education

School of Electrical Engineering Software Engineering

2022 – present | Belgrade, Serbia

GPA – 9.35/10.00

Ninth Belgrade Gymnasium Natural Sciences and Mathematics

2018 – 2022 | Belgrade, Serbia

GPA – 4.82/5.00

🌐 Languages

Serbian: Native

English: Fluent

Italian: Basic

🧠 Skills

Python

Sockets, PyTorch, Pandas

C/C++

Java

AWT

SQL

MySQL

HTML, CSS, JavaScript

Bootstrap

Data Structures and Algorithms

Operating systems

Object-oriented programming

🔧 Familiar with

Angular

Git

📄 Certificates

- GDSC Flutter School Certificate (2023)
- GDSC IT Team Active Member (2024)
- IBM TechXchange Hackathon (2024)

📁 Projects

ChatApp 🔗

React, Node.js, Firebase

2024

- Phone authentication using Firebase
- JWT authentication
- WebSockets using Socket.IO library
- NoSQL document database: Firestore

Multithreaded kernel 🔗

Assembly, C, C++

2024

- Operating system kernel for embedded systems using RISC-V architecture
- Thread management and synchronization
- Memory management
- Time sharing
- Preemption

💻 Hackathons

Digihack, Fon Digital & Informatika

October 2024

- Smart hospital prototype
- Includes patient monitoring system and predictive analytics
- AI and Digital Twin technologies
- Python + Keras + TensorFlow

IBM TechXchange Hackathon 🔗

September 2024

- Generative AI tool for legal consultations
- Utilizing IBM Watsonx
- Prompt Engineering