Zhivko Stoimchev

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Education

Bachelor of Computer Science, University of Primorska, FAMNIT   Oct 2022 to Sep 2025 (targetted)
- **Coursework:** Computer Networks, Linux, Database Management Systems, Parallel and Distributed programming, Algorithms, Machine learning and Data mining

High School Diploma, Gymnasium Dobri Daskalov   Sep 2018 to May 2022
- **Coursework:** High school math, Introduction to programming, Critical thinking

Experience

Dinit Card Services, Full Stack Developer, Summer Camp Intern   Izola, Slovenia | July 2023 to Aug. 2023 | 1.5 months
- Developed Amortization Calculator and Loan Scheduler as a web application
- Local login authentication with sessions, cookies and tokens
- Profecineted Java programming skills by developing backend in Java SpringBoot
- Enhanced usage of Git and GitHub while working in team, sharing and splitting the work

Projects

Blockchain from scratch   April 2024 - current
- Building a Blockchain for a message-exchange application from scratch
- Applying asymmetric encryption for secure transaction verification
- Utilizing Java with Maven build automation, and Docker containers for network setup

Message exchange application   May 2024
- Implemented a basic Transmission Control Protocol (TCP) in C with socket programming
- Utilized multithreading to manage simultaneous connections efficiently
- Ensured real-time broadcasting of messages to all active clients

Additional Experience

FAMNIT Student Council Representative Serving as the voice and advocate for all students at the faculty.

GDSC UP Core Team Member (2023/24): Active member of the Google Developer Student Clubs at the University of Primorska, responsible for organizing, hosting, and facilitating workshops, speeches, and a hackathon.

Student Tutor Actively guiding and supporting students in their academic journey, enabling them to unlock their full potential and achieve their educational goals.

Skills

Speaking languages Full Professional English, Limited Working German and Slovenian, Native Macedonian

Programming languages: C, C++, C#, Java, Bash, OCaml, Python, JavaScript, SQL, 16-bit Assembly

Operating systems: Experienced with Linux; Familiar with Windows; Basic knowledge of Android

Frameworks: Experienced with .NET and SpringBoot; Basic knowledge of Angular, React.js, Express.js