MARKO STOJANOVIĆ

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EDUCATION

Belgrade, Serbia **University of Belgrade** **2015 – 2019 (Expected)**

- B.Sc. of Computer Science
- ECTS grade average – 8.35

EXPERIENCE

Software Engineer, Intern **Microsoft Corporation** **July 2017 – October 2017, Belgrade**

- Developed a framework for collecting new telemetry without restarting SQL Server process
- Designed and implemented efficient multi-threaded rate limiting algorithm
- Created an efficient JSON serializer for telemetry serialization

Android Developer, Intern **Teodesk** **February 2017 – May 2017, Belgrade**

- Designed and implemented most of the core infrastructure for a native Android application
- Developed highly decoupled architecture which allows easier maintenance and improvement of the application
- Implemented full local caching to reduce load times by up to 90% and allow offline access
- Collaborated with back-end team to facilitate easier integration with existing service

PROJECTS

Multi-threaded Key-Value Database

- A persistent key-value database that can be used as both a Java library and an independent server
- Optimized for fast reads and bulk writes of any type of binary data
- Allows any number of concurrent readers

Voting Application

- A mobile-friendly full-stack web application that lets users create and vote on various polls
- Full user authentication along with email recovery and social media integration
- Node.js/PostgreSQL back-end with React/Redux front-end

Stock Tracking Application

- Web application that allows users to track the prices of their stock
- Uses WebSockets to support real-time interaction across multiple clients
- Node.js/PostgreSQL back-end with React front-end

Skills

- Languages: Java, C++, Python, Javascript(ES6), SQL
- Version Control: Git, TFS
- Testing
- Strong problem-solving skills