Lazar Glumac

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SKILLS SUMMARY

- **Java:** Maven, RESTful services, Object-Orientated programming, data structures, software design patterns.
- **C:** C preprocessor, C compiler, C memory model, pointers, data structures, space and time efficiency.
- **UNIX:** Basic understanding of the UNIX system operation, shell scripting using "bash" and UNIX terminal.
- **Agile:** Scrum methodology, Iterative software design process, and JIRA tracking.
- **Version Control:** GIT Flow, and SVN (in multi team member projects).
- **NoSQL:** MongoDB, Neo4J, and Java backend with RESTful services to interact with databases.

EDUCATION

Honours Bachelor of Science, Computer Science Software Engineering Specialist Co-op   *2019 - present*
University of Toronto Scarborough, Scarborough, ON
- **cGPA (Cumulative GPA):** 3.92/4.0
- **Awards:** *2019/2020 Dean's List, $2000 Entrance Scholarship*

PROJECTS

Sportcred Web Application   *September 2020 – December 2020*
University of Toronto Scarborough, Scarborough, ON
- Implemented and followed a strict Agile-Scrum software development process in a team of 7 members and 2 product owners alongside JIRA tracking.
- Developed a full stack web application using a React frontend, Java backend, and Neo4j database.
- Integrated a complete MVC architecture design using RESTful services to create accounts, play sports trivia/games, debate opinions, and a live chat system.

Java Unix-Style Shell   *June 2020 – August 2020*
University of Toronto Scarborough, Scarborough, ON
- Implemented and followed a strict Agile-Scrum software development process in a team of 4 members.
- Developed a working shell program equipped with a mock file-system including the capability to create files, file redirection, and over 20 UNIX shell commands.
- Embedded software design patterns into the project including the singleton design pattern and dependency injection pattern, as well as in depth JUnit testing for each command created.

WORK EXPERIENCE

Teaching Assistant (MATA22-Linear Algebra I, CSCB09- Systems Programming)   *January 2021 – April 2021*
University of Toronto Scarborough, Markham, ON
- Presented feedback to student problem set solutions, held tutorials, office hours, and created weekly quizzes and sample quiz solutions for MATA22 students.
- Facilitated open-ended learning discussions with MATA22 students by assigning tutorial questions and guiding learning by presenting sample solutions to questions students struggled with.
- Hosted labs for CSCB09 students where students asked questions about course content, issues with assigned labs, and assignment help sessions, all based in the C programming language.

Volleyball Skills Development Coordinator   *Sept 2018 – April 2020*
Venom Volleyball, Markham, ON
- Led and organized multiple week-long skill development summer camp so the overall skill level of each student was increased to a high degree.
- Organized activities with groups of children/teens ranging from 10-50 people in size so students were always engaged and participating in drills/games.
- Tracked the progress of students and their development by analyzing gameplay from week to week in order to identify improvements/room for improvement.