Jovan Milicev

647-620-1186 | contact@jovanmilicev.com | in.jovanmilicev.com | github.jovanmilicev.com

EDUCATION

York University   April 2023
Honours BA, Computer Science   *Toronto, ON*
- GPA: 3.8
- Data Structures and Algorithms, Computer Architecture, Advanced Object Oriented Programming, Distributed Systems, Database Management Systems, Computer Networking.

EXPERIENCE

Undergraduate Teaching Assistant   September 2022 - January 2023
York University   *Toronto, ON*
- Teaching assistant for EECS2021 (Computer Organization). Taught basics of assembly language programming in RISC-V and fundamentals of computer architecture in iVerilog.
- Facilitated a lab with over 50 students which included solving complex problems, grading assignments, etc. which resulted in an overall increase in the class average.
- Graded assignments and exams, providing detailed feedback to students to help them improve their performance and understanding of the course material.
- Provided one-on-one tutoring to students who needed extra help, resulting in increased confidence and better academic performance.

Customer Experience Associate   April 2022 – Present
Scotiabank   *Mississauga, ON*
- Maximized customer satisfaction by helping clients with their banking transactions with a high attention to detail; daily functions included creating bank drafts, mortgage payouts, loan payments, etc.
- Identified customer concerns and prioritize customer complaints to the management team to ensure compliance with bank's policy and improve the overall client experience.

PROJECTS

Portfolio Webpage | *React, JS*   May 2023
- Developed a dynamic and visually appealing portfolio website using React.js, featuring personal projects, skills, and experience to showcase to potential clients and employers.
- Utilized GitHub Pages to host and deploy the website, ensuring seamless access and efficient delivery to users.
- Continuously updated and maintained the website, adding new projects and improving functionality to enhance user experience and showcase new skills and experience.

Distributed Go Chat Website | *Go, JS, Kubernetes*   April 2023
- Developed a chat-app with golang backend and JavaScript frontend using websockets.
- Capable of sending timestamped messages that are stored on server, with additional feature of sending 'ephemeral' messages that are only broadcasted to clients and not stored on the server.
- Built using Docker and deployed on a Kubernetes cluster using a private goHarbour repository.

Novel Programming Language | *ANTLR4, Java*   November 2022 - January 2023
- Developed a novel programming language using the ANTLR4 parser and Java.
- Language capable of performing variable declarations, assignment, math operations and boolean operations.
- Language also capable of correctly executing n-nested if statements, recursion, and function calls.
- Includes a simplified JUnit style test suite with branch coverage and other testing statistics.

Poker | *Java, Swing*   April 2021
- Developed a swing-based poker using object oriented principles.
- Designed efficient algorithms on back-end for hand evaluation.
- Implemented AI players who play uniquely based on randomly generated personality traits.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, GO, RISC-V
Competencies: React, RESTful API, Express, Django, GitHub, NodeJS, Docker, Kubernetes, Swing, Express, Spark