Jason Servito

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EDUCATION

Bachelor of Engineering (B.Eng), Computer Engineering　　　　　Sep. 2022 – May 2027
Toronto Metropolitan University　　　　　*Toronto, ON*
Relevant Courses: Algorithms and Data Structures, Object-Oriented Engineering Analysis and Design, Software Systems

TECHNICAL SKILLS

Languages: Java, C, Python, HTML, CSS, JavaScript, Typescript, SQL, MATLAB, VHDL
Frameworks: Angular, React.js, Bootstrap, Next.js, Node.js, Nest.js, Tailwind CSS, Supabase, Stripe, Type ORM
Developer Tools: Git, Github, VS Code, Visual Studio, Oracle SQL Developer, Jira, Slack, NetBeans, Figma

EXPERIENCE

Full Stack Web Developer Intern | *Angular, Supabase, Stripe, Nestjs, TypeORM*　　　June 2024 – Aug. 2024
Cloud Pathfinder Services Inc.　　　　　*Toronto, ON*
- Collaborated with senior developers to design and develop full-stack web applications using **HTML**, **CSS**, **Typescript**, and **Bootstrap**.
- Contributed to both front-end and back-end tasks, including updating website to match **Figma** designs, resolving minor component issues, and enhancing website functionality and visual consistency.
- Integrated **Google reCAPTCHA v3** into login and signup workflows, boosting website security.
- Developed **responsive designs** using **CSS** and **Bootstrap**, providing a seamless user experience for all devices.
- Extracted receipt information from **Stripe** using **REST APIs** to automatically name downloadable receipt files.
- Conducted extensive browser discrepancy testing, ensuring cross-browser and device compatibility.
- Engaged in **Agile** methodologies using **Jira** to manage weekly tasks, collaborate with the team, and help ensure successful website deployment.

Lifeguard　　　　　June 2023 – Aug. 2023
YMCA (Young Men's Christian Association)　　　　　*Calgary, AB*
- Worked collaboratively with a team of **10+ lifeguards** to enforce comprehensive safety protocols.
- **Actively monitored** a large, multi-area pool facility to prevent accidents and respond to emergencies.
- Maintained YMCA's high standards of safety and upheld rules for a secure environment.

Lead Lifeguard　　　　　June 2022 – Aug. 2022
PPL Aquatic, Fitness & Spa Group Inc　　　　　*Toronto, ON*
- **Independently** monitored a standard-sized pool to prevent accidents and quickly respond to emergencies.
- Managed pool chemistry and maintained pool equipment to ensure safety and cleanliness.
- Provided **customer service** by assisting pool patrons and addressing their concerns to ensure a positive experience.

PROJECTS

Personal Portfolio Website | *React.js, HTML, CSS, Typescript, Bootstrap*　　　https://jasonservito.vercel.app/
- Developed a **responsive** personal portfolio website to showcase professional experience, projects, and skills.
- Achieved an excellent **Google Lighthouse** performance rating of **100** on desktop and **98** on mobile.

Simulated Banking Application | *Java*
- Built a banking app with role-based authentication for Managers and Customers to manage accounts securely.
- Integrated **File I/O** for persistent customer data storage, enabling data retention between user sessions.
- Implemented custom deposit, withdrawal, and purchase rules based on customer account tier.
- Utilized **exception handling** to improve system robustness and provide a smooth user experience.

General-Purpose Processor Design | *VHDL, Quartus II, FPGA*
- Designed and implemented a general-purpose processor using **VHDL**, **Quartus II**, and an **FPGA** board.
- Developed key components: **ALU**, control unit with FSM, and 4x16 decoder, controlling logic and arithmetic.
- Executed arithmetic and logic operations and displayed the output on **seven-segment displays**.

Starred Stocks Display Application (Ongoing) | *Next.js, Typescript, Yahoo Finance API, Firebase*
- Building a dynamic dashboard that will display **real-time stock data**, including live prices, daily changes in dollar value, and percentage changes for user-selected stocks.
- Creating a **user-friendly interface** that will allow users to search for and "star" their favorite stocks, ensuring a personalized experience with automatic updates as stock prices fluctuate.