Allen Reinoso

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Professional Summary

Computer Science co-op student with hands-on experience contributing to real-world software projects in collaborative, cross-functional environments. Skilled in full-stack development, data-driven applications, and applying academic knowledge to practical work. Known for strong communication, adaptability to new tools and technologies, and ownership of assigned responsibilities while delivering high-quality results.

Technical Skills

Languages: Python, JavaScript, Java, SQL, C, C++
Frameworks & Libraries: React, Next.js, Node.js, Flask, D3.js
Tools & Technologies: Docker, Git, GitHub, MongoDB, SQLite, Tailwind CSS, Auth0
Concepts: Data Structures, Algorithms, REST APIs, Agile, Full-Stack Development, Object-Oriented Programming, Software Development Life Cycle (SDLC)

Education

Toronto Metropolitan University (Formerly Ryerson University)
Bachelor of Science (Honours), Computer Science — Co-op
Toronto, ON   Sept 2023 – Expected 2028

- Cumulative GPA(CGPA): 3.81 / 4.33 (Dean's List equivalent)
- Relevant Coursework: Data Structures and Algorithms, Software Development, Database Systems, Artificial Intelligence, Computer Security

Professional Experience

Web Development Lead — Toronto MetRobotics
Toronto, ON   Sept 2024 – Present

- Contributed to real-world engineering projects by developing and maintaining a web-based dashboard supporting robotics operations and decision-making.
- Collaborated with cross-functional hardware and software teams to define requirements, align deliverables, and support operational goals.
- Designed and implemented a React-based interface to visualize live telemetry data transmitted via ROS2, enabling real-time monitoring and analysis.
- Took ownership of delegated responsibilities, from feature planning to deployment, ensuring reliable and high-quality results.
- Mentored junior developers and communicated technical concepts clearly, strengthening team knowledge sharing and code quality.

Team Lead & Crew Trainer — McDonald's
Scarborough, ON   Sept 2020 – Present

- Supported day-to-day operations by training and mentoring 15+ employees, ensuring adherence to procedures, quality standards, and workplace integrity.
- Communicated effectively with team members and management to coordinate tasks, resolve issues, and maintain smooth operations in a fast-paced environment.

Technical Projects

Algorithm Visualizer Web Application (AlgoBuddy)
Technologies: React, JavaScript, HTML, Tailwind CSS, D3.js | Live Site | GitRepo   Apr 2025

- Designed and built a React-based algorithm visualization platform to support interactive learning of core computer science concepts.
- Implemented 8 algorithms and 3 custom visualizers with animated step-by-step execution using D3.js.

Budget Expense Tracker
Technologies: Python, Flask, SQLite, HTML, CSS, JavaScript | GitRepo   Aug 2024

- Developed a full-stack web application enabling users to track income and expenses with persistent data storage.
- Achieved an average Lighthouse performance score of 90+ through frontend optimization and responsive design improvements.