Allen Reinoso

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Technical Skills

Languages: Python, JavaScript, Java, SQL, C, C++
Frameworks & Tools: React, Next.js, Node.js, Flask, Docker, Git, GitHub, MongoDB, SQLite, Tailwind CSS, HTML, CSS, Bash **Concepts:** Data Structures, Algorithms, REST APIs, Agile, Full-Stack Development, SDLC, Object-Oriented Programming

Education

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

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

Professional Experience

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

- Led a 4-member web development team using Agile methodologies, delivering features across sprint cycles with regular code reviews and stand-ups.
- Developed a React-based web dashboard displaying live rover telemetry via ROS2, enabling real-time monitoring and control for robotics operators.
- Built reusable TypeScript components with Tailwind CSS and shadcn/ui, improving development velocity and UI consistency.

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

- Onboarded and trained new employees in customer service and kitchen operations while monitoring performance and enforcing quality standards.

Technical Projects

Algorithm Visualizer Web Application (AlgoBuddy)
Technologies: React, JavaScript, HTML, Tailwind CSS, D3.js
Live Site | [GitHub Repo] 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
[GitHub Repo] 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.

LeetNGreet Application (In Progress)
Technologies: React, Next.js, TypeScript, MongoDB, Auth0, Docker
[GitHub Repo]

- Developing a full-stack Next.js application connecting LeetCode users via shared profiles and discussions.
- Implemented Auth0 authentication and Docker-based containerization for secure, consistent deployment.