Allen Reinoso

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Skills Summary

Programming Languages: Python, Javascript, Java, SQL, C/C++
Frameworks/Tools: Git, Github, React, Docker, Bash, HTML, CSS, Node.js, Next.js, MongoDB
Development Skills: Data Structures and Algorithms, RestAPI, Agile
Interpersonal Skills: Communication, Team Collaboration, Problem-Solving, Project Managment

Education

Toronto Metropolitan University (Formerly Ryerson University)   **Toronto, ON**
Computer Science (B.Sc Hons Co-op)   *Sept 2023 – Expected 2028*
- **CGPA:** 3.85/4.33
- **Relevant Courses:** Software Engineering, Data Strutures and Algorithms, AI/ML, Discrete Math, Database Systems

Experience

Lead Web Developer   **Toronto, ON**
Toronto MetRobotics ☑   *Sept 2024 – Present*
- **Technologies:** Javascript, **ROS2**, TypeScript, Tailwind, **React**, GitHub, shadcn
- Leading the **Web Development** team's **Agile** development environment, participating in sprint planning, stand-up meetings, and code reviews, **iteratively refining** features and **improving system performance**.
- **Developed** a dynamic **React-based GUI** with reusable components to display **live rover data** and implement **ROS2 data distrubution services**, enhancing user control and system monitoring.

Team Lead & Crew Trainer   **Scarborough, ON**
McDonald's   *Sept 2020 – Present*
- **Onboarded** and **coached** new staff in guest service and kitchen operations; **monitored** performance and provided feedback to uphold **quality standards**.

Projects

Algorithm Visualizer Site ☑ — React, JavaScript, HTML, Tailwind CSS, GitHub   **Apr 2025**
- **Led** a small development team in the design and launch of **AlgoBuddy** ☑, a web-based algorithm visualizer, ensuring a user-friendly platform that improved accessibility to complex algorithms.
- **Implemented 8 algorithms** and **3 custom visualizers** in React, JavaScript, HTML/CSS and D3.js, enhancing scalability and enabling interactive demonstrations for deeper algorithm comprehension.

Budget Expense Tracker ☑ — Python, SQLite3, Flask, HTML, JavaScript, CSS   **Aug 2024**
- **Developed** a full-stack web application to help users track income and expenses efficiently. Utilized Flask with Python for backend processes and SQLite3 for database management, enabling persistent and reliable financial data storage.
- Enhanced the front-end using HTML, CSS, and JavaScript to optimize user experience, resulting in a clean, responsive interface. The application achieved top marks in Lighthouse tests, consistently scoring an **average of 90+**.

LeetNGreet App ☑ — React, Auth0, Docker, MongoDB, Next.js, TypeScript   **In-Progress**
- **Building** a full-stack web application to connect LeetCode users, using Next.js for the React frontend, REST API endpoints, and MongoDB with Mongoose for user information and post storage.
- **Implemented authentication and authorization** with Auth0, enabling personalized sessions and protecting user data.
- **Containerized** the application with Docker to ensure consistent development and deployment environments across systems.