

Allen Reinoso

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Professional Summary

Computer Science student seeking Software Development Internship to apply full-stack development expertise and innovative problem-solving skills in financial technology. Experienced in Agile collaboration, mentorship, and building scalable web applications using modern frameworks.

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

- Led a 4-member web development team using Agile methodologies, fostering collaboration through regular code reviews, stand-ups, and sprint planning.
- Developed an innovative React-based web dashboard displaying live rover telemetry via ROS2, enabling real-time monitoring for robotics operators.
- Mentored junior developers on React best practices and TypeScript implementation, improving code quality and team knowledge sharing.

Team Lead & Crew Trainer — McDonald's

Scarborough, ON

Sept 2020 – Present

- Onboarded and trained 15+ 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 | 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.

LeetNGreet Application (In Progress)

Technologies: React, Next.js, TypeScript, MongoDB, Auth0, Docker | GitRepo

- 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.