Allen Reinoso

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Manulife
200 Bloor Street East
Toronto, ON (Hybrid)

Re: Application for Software Engineering Intern / Co-op – Summer 2026 Co-op

Dear Hiring Manager,

I am a third-year Computer Science student in the Co-op program at Toronto Metropolitan University, maintaining a 3.85/4.33 GPA. I am excited to apply for the Software Engineering Intern / Co-op at Manulife. With hands-on experience developing front-end and back-end web applications using React, JavaScript, Python, and cloud-based technologies, I am eager to contribute my technical, analytical, and collaborative skills to your team.

As the Lead Web Developer for TMU's robotics team, I developed a React-based dashboard to visualize real-time rover data, integrating ROS2 and WebSockets to enhance performance during competitions. This experience strengthened my skills in scalable UI development, API integration, and agile teamwork—directly aligning with Manulife's focus on building reliable and innovative digital solutions using JavaScript, React, and cloud technologies. Additionally, my coursework in Software Engineering and AI/ML has given me a strong foundation in problem-solving, testing, and software design patterns.

Beyond my technical experience, I bring strong teamwork and leadership skills from my role as a Crew Trainer at McDonald's, where I mentored new team members, managed priorities under pressure, and maintained high performance standards. These experiences reinforced my ability to communicate clearly and collaborate effectively, which I believe are both essential in fast-paced development environments.

I am particularly drawn to Manulife because of your commitment to empowering people through innovative digital financial solutions that improve everyday lives. Your values-first culture and the GRO early talent program demonstrate a dedication to mentorship and long-term growth that deeply resonates with me. I'm eager to contribute to your mission of making decisions easier and lives better through software that delivers real business value.

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to Manulife's success.

Sincerely,

Allen Reinoso (He/Him)
Third-Year B.Sc. (Hons Co-op) Computer Science Candidate
Toronto Metropolitan University

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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.