

Allen Reinoso

Toronto, ON

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November 12, 2025

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

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 Management

Education

Toronto Metropolitan University (Formerly Ryerson University)

Computer Science (B.Sc Hons Co-op)

Toronto, ON

Sept 2023 – Expected 2028

- **CGPA:** 3.85/4.33

- **Relevant Courses:** Software Engineering, Data Structures and Algorithms, AI/ML, Discrete Math, Database Systems

Experience

Lead Web Developer

Toronto MetRobotics ↗

Toronto, ON

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 distribution services**, enhancing user control and system monitoring.

Team Lead & Crew Trainer

McDonald's

Scarborough, ON

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.

Undergraduate

Print Date: 09/09/2025
Name: Reinoso, Allen Jordan
Student ID: 501086082
OEN: 358180446
Birthdate: 03/28

Academic Program History

Program: 07/24/2021:	Architectural Science Active in Program ARCHITECTURAL SCIENCE Major	Term GPA 4.130 Transfer Term GPA Combined GPA 4.130	5.000	20.660
Program: 09/23/2021:	Architectural Science Cancelled ARCHITECTURAL SCIENCE Major	Dean's List	0.000	0.000
Program: 07/22/2023:	Computer Science Active in Program COMPUTER SCIENCE Major	Academic Standing: Clear	5.000	20.660
Program: 08/06/2024:	Computer Science Active in Program COMPUTER SCIENCE CO-OPERATIVE PROGRAM Major			
	Beginning of Undergraduate Record			

Fall 2023

Course	Description	Credit Earned	Grade	Grade Points
CPS 109	Computer Science I	1.000	A+	4.330
CPS 213	Computer Organization I	1.000	A	4.000
MTH 110	Discrete Mathematics I	1.000	A-	3.670
PCS 110	Physics	1.000	A	4.000
POL 128	Politics and Film	1.000	A	4.000

Term GPA	4.000	5.000	20.000
Transfer Term GPA		0.000	0.000
Combined GPA	4.000	5.000	20.000

Academic Standing: Clear

Winter 2024

Course	Description	Credit Earned	Grade	Grade Points
CPS 209	Computer Science II	1.000	A+	4.330
CPS 310	Computer Organization II	1.000	A+	4.330
CPS 412	Soc Issues, Ethics and Profess	1.000	A+	4.330
GEO 110	The Physical Environment	1.000	A	4.000
MTH 207	Calc and Computatl Methods I	1.000	A-	3.670

Term GPA	4.130	5.000	20.660
Transfer Term GPA		0.000	0.000
Combined GPA	4.130	5.000	20.660
Dean's List			
Academic Standing: Clear			

Fall 2024

Course	Description	Credit Earned	Grade	Grade Points
CMN 300	Comm in the Computer Industry	1.000	A	4.000
CPS 305	Data Structures	1.000	B	3.000
CPS 393	Introduction to C and UNIX	1.000	A+	4.330
MTH 108	Linear Algebra	1.000	C	2.000
RTA 928	Introduction to Game Design	1.000	A+	4.330

Term GPA	3.530	5.000	17.660
Transfer Term GPA		0.000	0.000
Combined GPA	3.530	5.000	17.660
Dean's List			
Academic Standing: Clear			

Winter 2025

Course	Description	Credit Earned	Grade	Grade Points
CPS 406	Intro to Software Engineering	1.000	A	4.000
CPS 420	Discrete Structures	1.000	A	4.000
CPS 506	Comparative Prog Languages	1.000	A	4.000
CPS 590	Operating Systems I	1.000	A	4.000
MTH 380	Probability and Statistics I	1.000	B-	2.670

Undergraduate

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Dean's List

Academic Standing: Clear

Fall 2025

<u>Course</u>	<u>Description</u>	<u>Credit Earned</u>	<u>Grade</u>	<u>Grade Points</u>
CPS 510	Database Systems I	0.000		0.000
CPS 633	Computer Security	0.000		0.000
CPS 721	Artificial Intelligence I	0.000		0.000
CPS 803	Machine Learning	0.000		0.000
PCS 181	Introduction to Astronomy	0.000		0.000

Term GPA	0.000	0.000	0.000
Transfer Term GPA		0.000	0.000
Combined GPA	0.000	0.000	0.000

Architectural Science Totals			
Cum GPA:	0.000	Cum Totals	0.000

Computer Science Totals			
Cum GPA:	3.850	Cum Totals	20.000

End of Transcript