

# Allen Reinoso

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## Skills Summary

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**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

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**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

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**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

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**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: Architectural Science  
 07/24/2021: Active in Program  
 ARCHITECTURAL SCIENCE Major

Program: Architectural Science  
 09/23/2021: Cancelled  
 ARCHITECTURAL SCIENCE Major

Program: Computer Science  
 07/22/2023: Active in Program  
 COMPUTER SCIENCE Major

Program: Computer Science  
 08/06/2024: 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 Computatnl 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

Term GPA	3.730	5.000	18.670
Transfer Term GPA		0.000	0.000
Combined GPA	3.730	5.000	18.670

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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	0.000	0.000
Computer Science Totals				
Cum GPA:	3.850 Cum Totals	20.000	20.000	76.990

End of Transcript