

# Marcus Cua

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2<sup>nd</sup> year U of T Computer Science student seeking a 4-8 month Summer Internship opportunity.

## EDUCATION

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### Major (Co-operative) Program in Computer Science - BSc.

Sep 2023 - Jun 2027

*University of Toronto*

- University of Toronto International Scholar Award (\$180,000) + U of T Scholars Award (\$7,500)
- Minor programs in **French** and **City Studies**

### Diplôme d'études en langue française niveau B2 | *Diploma of French Language Studies B2 level*

Aug 2022

*Ministère de l'Éducation nationale de la France | Ministry of Education of France*

## EXPERIENCE

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### Web Developer Intern

Jan 2025 - Apr 2025

*Ministry of Public and Business Service Delivery and Procurement, Toronto, ON*

- **Modernized project reporting** and data visualization in the ministry by **developing 3 high-quality Power BI dashboards** viewed by **400+ resources daily** across the ministry.
- Developed highly robust and detailed **HTML, CSS embedded SharePoint** pages for the new internal ministry site streamlining information sharing, event registration, shared calendars, and a dedicated development page.
- Worked in a **small team** abiding by the **Software Development Life Cycle** to deploy pages and dashboards with the use of **unit-testing, stakeholder input, and peer review** to ensure consistent and excellent quality.

### Python Automation Developer Intern

Sep 2024 - Dec 2024

*Ministry of Education, Toronto, ON*

- Supported the ministry in pivoting from manual data extracts for weekly/monthly refreshes to **an automated process resulting in 15% of work hours saved per week** allowing the team to focus on higher-priority work.
- **Developed an automation library in Python from scratch** used to interface with the **Planview Enterprise** website to automate data extraction from different reports.
- Collaborated efficiently with a variety of other teams including **administrators, executives, stakeholders, and finance** to achieve development requirements.

## PROJECTS

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### Life Tracker & Journaling REACT Application

Jan 2025

- Developed a **back-end API endpoint server** to interface with a **MongoDB** database.
- Built a **clean and functional user interface** with the **REACT** framework in **JavaScript** with the help of **CSS**.

### AI Screenshot Translator Application

Aug 2024

- Developed an app written in **Python** to **translate screenshots** from English to Old English (or other languages).
- Utilized **Mistral AI** to do the back-end translations, sending the results to a Discord server using the **Discord API**.

### Toronto Asian Art Museum (TAAM) Collection Management System Application

Jun 2024 - Jul 2024

- **Led a team of 5** to develop an art collection management application for TAAM in **Android OS** using **Java**.
- Utilized real-time **NoSQL** database **Firebase** to store and manage exhibit data and **Git** to maintain version control.

## SKILLS

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**Interpersonal:** Time Management, Team Player, Communication, Proactive Learner, Attention to Detail

**Programming/Frameworks:** C, C#, CSS, Python, Java, JavaScript, HTML, React.js, Node.js, Express, Selenium

**Database:** MongoDB, Firebase, SQL

**Productivity:** Microsoft Suite, Google Workspace, Power BI, SharePoint, JUnit, Planview, Obsidian, Notion

**Technical:** Object-Oriented Programming, Data Structures, SCRUM, SDLC, Git, REST APIs, Jira, Android OS

**Languages:** English, Filipino, French, Spanish