

Cailene Magat

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EDUCATION/ACHIEVEMENTS

Honours Bachelors of Science in Computer Science, Specializing in Software Engineering (Co-op)

Fall 2026

University of Toronto Scarborough

- Awards: University of Toronto Entrance Scholarship (\$3000)
- Relevant Courses: Software Design/Object Oriented Programming, Design and Analysis of Data Structures, Software Tools and Systems Programming, Intro to Databases

TECHNICAL SKILLS

Languages: C, Java, Python, HTML, SQL

Design: Figma, Adobe Illustrator, Adobe Photoshop, CSS

Tools/Technologies: Git, Latex, Android Studio, MS Excel, MS SharePoint, Jira, REST API, Firebase

WORK EXPERIENCE

IT Quality Assurance Analyst

Sept 2024 - Apr 2025

Ministry of Education || Ontario Public Service|| Toronto, ON

- Performed functional and accessibility testing for the **Ontario Digital Education Platform** across two releases, executing approximately **80 test cases** per sprint cycle for a website accessed annually by school boards and over 1M users
- Executed accessibility testing using screen reader and web accessibility evaluators to ensure **AODA WCAG 2.1 compliance**
- Logged and triaged defects in **Azure DevOps**, documenting steps and outcomes for **25+** identified issues and collaborating with developers to resolve critical defects efficiently.
- Conducted detailed user story analysis and reviewed project documentation during Agile sprint planning to inform testing strategies and ensure thorough coverage of user requirements
- **Developed** and maintained component design specifications using **HTML, CSS, and the Angular framework** ensuring documentation of new features was accurate and up-to-date

Incident Response Analyst

May 2024 - Aug 2024

Information & Instructional Technology Services || University of Toronto || Toronto, ON

- Monitored and responded to daily reports of suspicious online activity involving students and faculty, utilizing **Privileged Identity Management (PIM) software** to ensure the security of the university system
- Reviewed and verified the integrity of potential compromises by analyzing event details through **Microsoft Entra ID** and **Microsoft Defender** to mitigate risks
- Delivered customer support using **ServiceNow**, managing and resolving over 80 tickets monthly while maintaining clear, transparent communication and ensuring timely issue resolution
- Enhanced **analytical skills** and honed **investigative techniques** to identify and respond to potentially infected **IP addresses** to secure the university's network

PROJECTS

System Monitoring Tool || Visual Studio, C

March 2024

- Developed a **Linux OS** tool for sampling and displaying real-time system information, reporting user utilization, and tracking system metrics
- Incorporated signals and multi-processes to increase run time by **25%**

EcoGrocer || Java, Android Studio, Google ML Kit, MongoDB

Feb 2024

- Collaborated with a team of three to develop an **AI-powered app** prototype aiming to minimize food waste, and promote sustainability in the winter season
- Gained valuable insights into problem-solving, collaboration, and adaptability despite the evolving project dynamics

Android Mobile App || Java, Android Studio, Firebase, Figma, Jira, GitHub

Nov 2023

- Collaborated in a **team of five** to following **Agile methodologies** to create a student portal Android app for students in the CMS department
- Worked on both **back-end and front-end tasks** adhering to **SOLID principles**
- Engineered RSVP, list view, and event display features enabling students and admin to view and manage events