

Maya Wong

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EDUCATION

Bachelor of Computer Science Honors, Cybersecurity Stream (Co-op) — Carleton University Sept. 2019 — Dec. 2023

- **CGPA:** 10.19/12 | **Double Minor:** Earth Science and Business | **Societies:** Technolgap, Women in CS, Technovation
- **Awards:** Dean's Honor List (2020/2021/2022), Carleton University Entrance Scholarship, Chalmers Jack MacKenzie Scholarship, Harry S. Southam Scholarship, Lester Bowles Pearson Scholarship
- **Coursework:** Data Structures & Algorithms, Operating Systems, Database Management, Object-Oriented Engineering

SKILLS

Languages	Python, C, C++, Java, SQL, JS, TypeScript, HTML, CSS, Swift, Prolog, Scheme, COBOL, Groovy, YML, Dart
Frameworks/Envs.	Node.js, React, Linux/Unix, Bash, Bootstrap, Express, Flutter
Tools	Git, Jira, MongoDB, Kubernetes, Confluence, OpenStack, Figma, Xcode, Wireshark
Other	Problem Solver, Collaboration, Quick Learner, Written/Verbal Communication, Detail-Oriented

EXPERIENCE

QA Engineer — Ribbon Communications May. 2023 — Aug. 2023

- Streamlined automation by designing **Jenkins pipelines** to support the Media Application Server deploy using **Groovy, YML, Bitbucket**, and **VMs**
- Participated in **Technothon** by creating a middleman **Python** script that takes in webhooks from **Alertmanager** and passes the critical messages to **Cachet UI** to display the status and incidents of services for the DevOps team
- Updated the Python Product Data Transition Tool by massaging the script to be compatible with the newest version of **Python** and improved comprehensibility of output for customers

Software Developer — Ciena May 2022 — Aug. 2022

- Improved **Groovy scripts** by implementing Declarative Pipeline syntax and tested the updated Groovy scripts by connecting the scripts from **Bitbucket** to the **Jenkins Pipelines**
- Created unit tests using mocking and patching in **Python** and hosted a demonstration for the Project Alpha Team that discussed strategies for using the unit test library efficiently
- Added features to CTF Extractor and Allure report using **Python**

IT Developer — Canada Revenue Agency (Reliability Status) May 2021 — Dec. 2021

- Effectively coded **COBOL** program changes on mainframe based on design specs using **ABEND-AID** and **JCL**
- Collaborated with the ITA Team to ensure that required program changes were properly implemented
- Created business requirement specifications according to new benefit descriptions

Swim Instructor/Lifeguard — City of Ottawa Sept. 2017 — Apr. 2023

- Guided clients to achieve their designated swim level through effective communication, hands-on demonstration, and targeted practice
- Developed customized lesson plans tailored to individual clients, accommodating diverse learning styles, language barriers, and varying physical or mental abilities

PROJECTS

Tech Nova — University of Waterloo Women's Technothon

- Won Best Social Good Hack, earning recognition for developing impactful solutions & received an \$80 Amazon gift card reward
- Developed 'ShieldHer' app using **Flutter** framework, ensuring seamless functionality across **iOS, Android**, and **web** platforms
- Created full-stack app using **Figma** for design, **Java Spring Boot** for backend, and **H2 database** for efficient data management

Front-End Developer — Ambassadors

- Translated design team's **figma** mock ups to web pages using **Next.js, Node.js, ReactJS, TypeScript**, & **Git**
- Successfully maintained web pages by identifying and fixing discrepancies
- Participated in weekly meetings to ensure successful execution of projects

Web Developer/Mentor/Member of Inclusion Team — Technolgap

- Adjusted Technolgap website by fixing bugs using **React**
- Provided guidance to high school and new undergraduate womxn in STEM, offering insights on effective study techniques, recommended courses, and valuable resources for a successful first year

Web Development — Carleton COMP 2406 / COMP 3203 class

- Created a database that exchanges information between client and server through AJAX requests using **Express.js**
- Implemented authentication and authorization for users to be able to create accounts on a movie database and login into a session using **JavaScript, HTML, CSS, Node.js**, & **SQL**

LEADERSHIP

Hockey Team Captain — Nepean Girls Hockey Association, Midget Competitive A

- Elected as team captain based on unanimous approval from both coaching staff and teammates
- Led team by promoting teamwork and positivity to win the 2019 Women's Competitive A League Championship