

# Matthew Leung

UWaterloo Student #: 20897248  
647-878-2234  
m53leung@uwaterloo.ca

University Of Waterloo  
Computer Engineering 3rd  
Year

GitHub: m53leung  
LinkedIn: matthew-leung

## SKILLS

---

**Languages:** Python, Java, Javascript, Typescript, C, C++, HTML, CSS

**Frameworks/Tools:** ReactJS, Jenkins, Jupyter, Tailwind, Pytest, Django, Matamo, Selenium

## EXPERIENCE

---

**Zynga - Software Engineering Intern** **JAN 2023 — APR 2023**

- Migrated and updated crucial org-wide used application from AngularJS to React with Typescript.
- Identified and implemented optimizations to improve and modernize UI/UX of application.
- Using Jupyter, created a script to fetch usage analytics from Matamo and generate useful insights.

**Sony Interactive Entertainment - Software Developer in Test Intern** **MAY 2022 — AUG 2022**

- Implemented script for automating test suite setup using pytest markers and directories of test scripts.
- Refactored part of test framework to enable running tests in multiple locales within the same test suite.
- Refactored a Page Object Model in the testing framework to be compatible with multiple locales.
- Worked with senior QA Engineer to implement script for reviewing regression results and prioritizing test failures.

**Omnivex Corporation - Junior QA Engineer** **SEP 2021 — DEC 2021**

- Created a framework for writing automated front end UI tests for Omnivex Ink web app using Java and Selenium.
- Worked with a Senior QA Engineer to create framework for executing test cases and generating test suite reports.
- Automated complex actions for graphical drag and drop interfaces within the web app.
- Automated over 40 test cases which were previously manually executed.

**Twin Toucans Inc - Full Stack Web Developer** **JAN 2021 — APR 2021**

- Developed a web app using Python and Django to assist in warehouse operations and customer order placement.
- Used HTML, CSS, JavaScript, and Bootstrap to create functional and attractive user interfaces for workers and customers.
- Integrated app with Stripe payment platform to issue invoices and receive customer payment.
- Increased warehouse operations efficiency by 30% and lowered error rates to 0.01%.

## RELEVANT PROJECTS

---

### About Me Website

- Used HTML, CSS, and JavaScript to create a web page about myself.
- Hosted using GitHub Pages at: [m53leung.github.io/my-website-2](https://m53leung.github.io/my-website-2)

### Chrome GPT

- Collaborated on chrome extension to use Chat-GPT with the context of the current web page.
- [github.com/Flare-Inc/chrome-gpt-frontend](https://github.com/Flare-Inc/chrome-gpt-frontend), [github.com/Flare-Inc/chrome-gpt-backend](https://github.com/Flare-Inc/chrome-gpt-backend)

## EDUCATION

---

**University of Waterloo - Computer Engineering** **SEP 2020 — PRESENT**

*Candidate for Bachelor of Applied Science, Computer Engineering Co-op Program University of Waterloo, ON.*