

# ANTHONY LE

## Software Engineering Intern @ Canada Revenue Agency

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### EDUCATION

**Computer Science Honours**, University Of Ottawa | 3.48 GPA

SEPTEMBER 2022 - DECEMBER 2026

- Received \$1,000 merit scholarship for receiving Dean's list award.
- Currently in **Dean's Honour List**; Awarded to individuals with a cGPA higher than 8.5
- Formerly studied as a Data Science Double honours (Math and Computer Science).

### TECHNICAL SKILLS

- Coding Languages: Python, Java, HTML, CSS, JavaScript, TypeScript
- Frameworks: Angular, Jasmine, Karma.
- Developer Tools: GitHub, Git, Eclipse, Notepad++, VSCode, Android Studio, Figma, AdobeXD

### WORK EXPERIENCE

**Student Developer** | Canada Revenue Agency

SEPTEMBER 2023 - PRESENT

- Participated in the testing and verification of **WebForm Factory**; a template project designed to accelerate the creation of **Government published websites**.
- Tested a template large-scale web project by developing and integrating web page-based **unit tests** to verify its user-accessibility and visibility.
- Additionally tested angular-developed components present within each web page for various use cases and inputs using **Jasmine and Karma**.

**Teaching Assistant** | Kumon Institute Education

JANUARY 2019 - JANUARY 2022

- Assisted approximately 300 students using Mathematics and English knowledge from kindergarten to university-level.
- Impacted and delegated location's rapid transition to online tutoring during the pandemic by organising and distributing a continuous workflow to ensure the best education to students.
- Managed and bookkept hundreds of student profiles and worksheets to ensure a productive learning course.
- Hosted and maintained online tutoring sessions with other teaching assistants to maximise student communication and productivity during session hours.

### PROJECTS

**MenuMate** | McHacks X

JANUARY 2023

- Web application that suggests restaurant options in the city of Ottawa depending on the user's preference.
- Utilised **Co:Here's API** and the use of **data scraping techniques** to output suggestions in a fluid manner.
- Fully designed, created, and implemented the web application's front-end and its conceptualization using **CSS and HTML**, and **Figma**.
- Implemented a proper database using **MongoDB** to store and record the restaurant within our database.
- Coding Languages used: HTML, CSS, JavaScript, Python
- Frameworks and other implementations: Flask, React, MongoDB

**Health App Management System**

SEPTEMBER 2023

- Developed a full-stack Health Management app tailored to manage client and doctor-side logistics regarding appointments.
- Designed and Implemented a functional and stylised user interface using provided and developed app components within **Android Studio**.
- Integrated a variety of responsive back-end features allowing the app to notify users through a **java-email base** and to change the user's app preferences **through various connections to the firestore database..**
- Coding Languages used: Java, XML.

**TicTacToe.java**

JULY 2023

- Basic implementation of an engine that allows you to play Tic-Tac-Toe through the local terminal.
- Implemented the command-input application through the use of matrix manipulation, scanner objects, and basic Object-Oriented principles.
- Coding Languages used: Java
- Other structures of implementation: Object-Oriented Programming, Array Manipulation.

