

# IMANE YACOUBI

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## EDUCATION

### University of Waterloo

Honours Bachelor of Computer Science - Co-op

September 2022 – August 2027

Waterloo, ON

**GPA:** 3.9 | Computer Science Club Community Representative, MathSoc Councillor, Math Orientation Leader

### Humber College of Applied Arts and Technology

General Arts and Science - Technology Certificate

September 2021 – May 2022

Toronto, ON

**GPA:** 4.0 | **Relevant Courses:** Computer Hardware and OS, Digital Fundamentals, Product Design, AutoCAD

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, C/C++, HTML/CSS, Bash, XPath, SQL, JSON/JSONPath, Racket, LaTeX, Swift

**Frameworks/Libraries:** React, Node.js, Appium, WebDriverIO, jQuery, Mocha, Bulma, Jest

**Other:** Git/Github, Android SDK, Xcode, Valgrind, NPM, Figma, Vim, Arduino, AutoCAD, SOLIDWORKS, Webots

## EXPERIENCE

### Software Engineering Intern - Project Manager

Huawei Technologies Co., Ltd.

May 2023 - Present

Markham, ON

- Architected multi-platform web engine benchmarking tool with **Node.js** and **Appium** for use by 4+ internal teams
- Reduced runtime of the benchmark tool by **more than 60%** by implementing a highly optimized Automation
- Developed robust Data Collection and Performance Measuring features, allowing for accurate result reporting

### Technical Support Specialist

TECHSERVETO

September 2021 - present

Toronto, ON

- Assisted **30+** elders through 1-to-1 phone and video call sessions to resolve various technical challenges such as **cloud data storage**, **OS configurations** and **hardware troubleshooting**
- Presented in-person workshops on Video-Conferencing and Cybersecurity for an audience of seniors

### Brand Ambassador

Humber College of Applied Arts and Technology

November 2021 - April 2022

Toronto, ON

- Achieved a **50%** increase in registrations for the winter 2022 virtual orientation through on-ground promotion
- Negotiated quotes for services and merchandise with various providers, effectively managing budgets exceeding **\$100k+** for high-profile events

## PROJECTS

### GreenCart🌱 | Javascript, JSON, HTML, CSS, React, Python, Pandas, Flask, Tailwind CSS, Git/Github

February 2023

- Implemented a Chrome extension assistant and web page that encourages eco-friendly food choices by seamlessly displaying the carbon footprint of food items and offering shoppers viable, sustainable alternatives
- Leveraged Python and Pandas to manipulate a comprehensive data set found on Kaggle on the environmental impact of food items, enabling accurate provisions of carbon footprints for each food item browsed by the user
- Cooperated in a team to build the back-end in **Node.js**, and integrated it with a **React** based front-end

### FreeWill🌱 | Javascript, Python, HTML, CSS, JSON, OpenAI, Flask, Ajax

February 2023

- Developed a social media content filtering Chrome extension that empowers users to personalize their TikTok foryou feed based on their choices, preferences and interests
- Created an intuitive and user-friendly UI for FreeWill using vanilla **Javascript, HTML, and CSS**
- Collaborated with team members to implement the content-filtering algorithm, utilizing the cutting-edge **OpenAI** GPT model's API along with fine-tuning techniques to optimize text classification on filtered content

### EUR-E-CLOCK🌱 | Python, C, HTML/CSS, AsyncTCP, ESPAsyncWebServer, Arduino

January 2022 – April 2022

- Developed a full-stack alarm clock with a web app interface that requires the user to correctly answer a trivia question to turn off the alarm, enforcing an efficient wake-up routine while providing intellectual stimulation
- Implemented the back-end in **C** and designed the front-end UI in **HTML & CSS**
- Implemented an asynchronous web server on an **ESP32** chip
- Designed the alarm in **SOLIDWORKS**, encapsulating the ESP32 and LCD display in a compact and aesthetic 3D part