

IMANE YACOUBI

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TECHNICAL SKILLS

Languages: C++, C, JavaScript, Python, HTML/CSS, Java, Bash, JSON/JSONPath, Racket, Swift, LaTeX, SQL
Frameworks/Libraries: Node.js, React, WebDriverIO, jQuery, Mocha, Bulma, Jest
Other: Git/Github, Appium, Android SDK, Xcode, NPM, Figma, Vim, Arduino, AutoCAD, SOLIDWORKS, Webots

EDUCATION

University of Waterloo September 2022 – August 2027
Honours Bachelor of Computer Science - Co-op Waterloo, ON
GPA: 3.9 | **Activities:** President of UWCLEC, Computer Science Club Community Representative, MathSoc Councillor
Humber College of Applied Arts and Technology September 2021 – May 2022
General Arts and Science - Technology Certificate Toronto, ON
GPA: 4.0 | **Relevant Courses:** Computer Hardware and OS, Digital Fundamentals, Product Design, AutoCAD

EXPERIENCE

Software Engineering Intern May 2023 - Present
Huawei Technologies Co., Ltd. Markham, ON

- Working in R&D on cutting edge web technologies that aim to increase the performance of web pages
- Leading the development of a cross-platform application to test and analyze performance metrics of real web pages employing Webviews, driving optimization strategies, and enhancing user experience

Technical Support Specialist September 2021 - present
TECHSERVETO 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 November 2021 - April 2022
Humber College of Applied Arts and Technology 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
- Assisted in team meetings to plan events, decide on promotion strategies, and review organizational goals

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