

IMANE YACOUBI

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TECHNICAL SKILLS

Languages: C/C++, JavaScript, HTML/CSS, Python, Bash

Technologies: Git, Node.js, Appium, WebDriverIO, Android SDK, Xcode, AutoCAD, SOLIDWORKS

EDUCATION

University of Waterloo

September 2022 – present

Honours Bachelor of Computer Science - Co-op

GPA: 3.9 | **Activities:** President of UWCLEC, CS Club Community Representative & Advisor, MathSoc Councillor

Humber College

September 2021 – May 2022

General Arts and Science - Technology Certificate

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

EXPERIENCE

Software Engineering Intern

May 2023 - August 2023

Huawei Technologies

Markham, ON

- Architected a cross-platform benchmark tool for WebView Performance on Android and iOS that generates a comprehensive report on load time, response latency, FPS, and memory use, for use by **100+** developers in **R&D**
- Implemented various measuring methodologies to extract and analyze webpage performance during simulated interactions, resulting in a significant improvement of page load accuracy through the use of the LCP metric
- Implemented automation logic in **Node.js** using **Appium** APIs, and successfully reduced test duration by over **75%**

Technical Support Specialist

September 2021 - September 2022

TECHSERVETO

Toronto, ON

- Assisted **30+** elders to resolve technical issues, including cloud storage, OS configs, 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

Toronto, ON

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

PROJECTS

Chess🏆 | C++20

- Designed and developed a scalable Chess game architected using modern C++ and MVC oriented architecture
- Implemented a memory-safe solution by exclusively employing smart pointers and incorporating RAII principles

FreeWill🏆 | JavaScript, Python, HTML/CSS, OpenAI API

- Engineered a Chrome extension for social media content filtering, empowering users with control over their TikTok feed

EUR-E-CLOCK🏆 | C, HTML/CSS

- Architected a full-stack alarm clock that requires the user to correctly answer a trivia question on a web interface to turn off the alarm, thereby enforcing an efficient wake-up routine while providing daily intellectual stimulation
- Designed the alarm in SOLIDWORKS, encapsulating the ESP32 and LCD display in a compact and aesthetic 3D part

Interests: Enjoys reading non-fiction, tuning into tech podcasts, playing poker, and practicing yoga