Imane Yacoubi SHE/HER

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EDUCATION

University of Waterloo   2022 – 2025
Honours Bachelor of Computer Science - Co-op

GPA: 3.9 | **Relevant Courses:** Object-Oriented Software Development, Compilers, Computer Organization and Design

Humber College   2021 – 2022
General Arts and Science - Technology Certificate

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

EXPERIENCE

Software Engineering Intern   May 2023 - Aug. 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, memory use and FPS, 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

– Developed automation logic in **Node.js** using **Appium** APIs, and reduced test duration by over **75%**

Incoming Software Engineering Intern   May 2024 - Aug. 2024
Maxon Computer   Waterloo, ON

PROJECTS

Chess🔗| C++20

– Designed and developed a scalable Chess game in modern **C++** with MVC oriented architecture

– Implemented a memory-safe solution exclusively employing smart pointers and RAII principles

EUR-E-CLOCK🔗| C, HTML/CSS

– Designed a full-stack alarm clock requiring users to answer a trivia question on a web interface to deactivate the alarm, promoting a structured wake-up routine and daily intellectual engagement

– Encapsulated the ESP32 and LCD in a compact and aesthetic 3D part designed in SOLIDWORKS

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

– Developed an extension for TikTok content filtering, empowering users with control over their feed

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, HTML/CSS, ARM Assembly, Bash, R
Technologies: Node.js, Git, Linux, Appium, WSL, WebDriverIO, Android SDK, Xcode, AutoCAD

Interests: Enjoys playing poker, reading non-fiction, and practicing yoga