

vic3.taing@gmail.com • (514) 515-9835

LinkedIn www.linkedin.com/in/victor-taing-373a53299

Portfolio website <https://vtaing-portfolio.netlify.app>

GitHub <https://github.com/vtaing10>

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | • Windows 10 • macOS • Mobile

Applications | • Word • Excel • PPT • Eclipse • Visual Studio Code • GitHub

Programming | • Java (Intermediate) • Python (Intermediate) • Sage Math (Intermediate) • HTML (Basic)
• CSS (Basic) • JavaScript (Basic)

Languages | • French | Spoken & Written • English | Spoken & Written • Khmer | Spoken.

EDUCATION

Bachelor of Engineering – Software Engineering Co-op

2023- 2027 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant Courses: Mathematics for Computer Science, Object Oriented Programming, Web Programming, System Hardware, Object-Oriented Programming II.

PROJECTS

My Portfolio (Personal)

2023-Present

- Developed an intuitive portfolio website with HTML, CSS, and JavaScript, which helps improving user engagement and time spent on the website.
- Implemented a responsive web design, ensuring seamless functionality across multiple devices and browsers, as confirmed by cross-platform testing.

FormCheck AI (ConUHacks VIII)

January 2024

- Developed a tool using OpenCV and MediaPipe, to track and analyze the quality of exercises repetitions.
- Modified an open-source pose recognition model to give users live feedback on their workout form, broadening its use to multiple exercises.
- Built a simple interface with CSS and HTML, enabling users to easily access and benefit from the tool's guidance.

DEVPOST: <https://devpost.com/software/fitnesscheck-ai>

Safe and Sound (PolyHacks 2024)

February 2024

- Developed 'SafeAndSound', a Python program to monitor and analyze noise pollution in urban areas.
- Utilized PyAudio for noise level detection and Matplotlib to graphically represent noise data over time.
- Created Tkinter interface to display live and average noise levels, helping cities identify high-noise periods while giving the possible consequences with the possible solutions.

DEVPOST: <https://devpost.com/software/safe-and-sound-zms5nj>

VOLUNTEER WORK

Co-founder & President

February 2024

Asian Experience Organization Concordia

- Established the A.E.O at Concordia to serve as a premier social club for fostering connections and enhancing student life through planned social night events.
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