
EXPERIENCE

Software Development Intern | Cyberjustice Laboratory, UdeM

September 2024 – December 2024

Contributed to the maintenance and enhancement of an application to improve the judicial system, utilizing C# and React. Collaborated with the development team to implement new features, optimize performance, and ensure a user-friendly interface.

Freelancer HLD Taekwondo Web Page

2024 – PRESENT

Developed a responsive Taekwondo school website using HTML5, CSS, and JavaScript. Designed user-friendly navigation and course booking system. Code available on GitHub.

Freelancer Taekwondo Hit Counter Application

Summer 2024

Developed and maintained a web application that facilitates the evaluation of an athlete. Keeps track of the number of specific hits given by storing the session's data in the browser by using JavaScript and JSON. Visualized data with Chart.js.

PROJECTS

Personal Web Page

2019 – PRESENT

Built and maintain a personal portfolio website showcasing my art and programming projects using HTML5, CSS, and JavaScript.

COMP353 – Database Web Application

Summer 2024

Developed a GUI to facilitate interactions of the end-users with the system using MySQL and PHP. Implemented triggers and constraints to manage data. Integrated JSON handling for input updates and error-handling popups with JavaScript.

SOEN287 – Software Licenses' Manager

Fall 2023

Developed a system to generate, store, and validate serial numbers for software licenses. Used HTML5, CSS, JavaScript for the frontend, and SQL for backend data storage.

iOS Taekwondo Hit Counter App

Summer 2023

Developed an iOS app using Swift for Taekwondo athletes to track hits and provide valuable charts of their performance. On GitHub.

SKILLS

- **Languages:** Fluent: English & French – Native: Spanish
- **Coding languages:** Java, C/C++, C#, Python, SQL, NodeJS, PHP, Swift, JavaScript, HTML5, CSS
- **Tools:** Visual Studio, VScode, Eclipse, Xcode, MySQL, VMware, GitLab, GitHub, Word, Excel, WordPress, Adobe Photoshop
- **Operating Systems:** Ubuntu, Windows 10, iOS

EDUCATION

Concordia University, Montreal, QC | Bachelor's in Computer Science

2022 – 2025 (Expected)

Webmaster (2024-2025) for the Engineering & Computer Science Association. Managed and updated the ECA website using WordPress.

Relevant Courses:

- **COMP353 – Databases**
Conceptual database design, SQL, data models, datalog, ODL and a system application using MySQL and PHP
- **COMP352 – Data Structure and Algorithms**
Greedy algorithms, dynamic programming, search trees, graph algorithms, tree traversal.
- **SOEN287 – Web Programming**
Deploying static and dynamic websites, web application through clients and servers using JavaScript and SQL.