

Simon Wu

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EDUCATION

McGill University
B.S. Computer Science

Setp. 2023 - May 2026 (Expected)
Current GPA: 3.90/4.0

Champlain College St-Lambert
DEC Health Science

2019 - 2021

EXPERIENCE

Developer | *Hack4Impact McGill*

Sept. 2024 - ...

- Developed collaboratively a figurative language-learning application for individuals with autism in **React** and **TypeScript**
- Implemented API endpoints to interact with **PostgreSQL** and retrieve user progress

Developer Intern | *Ericsson*

May 2024 - Dec. 2024

- Implemented a new frontend UI using **Angular** and **TypeScript** for the Enterprise Virtual Cellular Network (EVCN) application, enhancing user experience and streamlining control of 5G connectivity for enterprises
- Developed and executed integration, end-to-end & manual testing with **Playwright** and **RestAssured**

Full-Stack Developer Intern | *Ensemble Technologies Inc.*

May 2023 – Sept. 2023

- Developed a full-stack web application/mobile app using **Ionic**, **Angular**, **Node**, **Express**, and **MongoDB** for third-party car-inspectors to manage their inspections
- Developed and conducted integration & end-to-end testing with **Playwright** and **Jest** to ensure the application's functionality
- Collaborated with cross-functional teams using **Agile** methodology to implement software enhancements for UI and features based on user & client feedback

PROJECTS

My A-Eye | *React, Flask, Tailwind, Whisper API, OpenAI*

- Developed a virtual assistant application capable of conversating on the external physical environment intended for people with visual impairments to better understand their current surroundings

NutroPNG | *Vue, Flask, Google Vision API*

- Won **Top 3 Hacks** at McHacks 10, a hackathon with 500+ contestants
- Developed a web-application that displays nutritional information of food using image-capture and item-detection from Vision AI's pre-trained ML models

Zen Bot | *Python, SQLite*

- Developed a Discord (VoIP social platform) bot, integrating various external APIs for custom features, such as translation and weather reports

DrooVE | *JavaScript, HTML/CSS, Tailwind, Node.js*

- Won **Best Beginner Project** at CodeJam12, a hackathon with 300+ contestants
- Developed an itinerary optimization system for truck drivers that lists recommended rest stops based on starting location, destination, and time slept using APIs from Google Maps Platform

SKILLS

Languages: Java, JavaScript/TypeScript, Python, HTML/CSS

Frameworks: Angular, Ionic, React, Next, Vue, NestJS, Express, Tailwind

Developer Tools: Git, GitHub, PyCharm, IntelliJ, VS Code