

Michael Hong

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SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 10 • Linux

Applications | Microsoft Office: Word • Excel • PPT • Photoshop • Visual Studio • GitHub • OpenGL

Programming | C++ • Java • Arduino • Python • React • Assembly • VHDL

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

EDUCATION

Bachelor of Engineering – Computer Engineering Co-op

2021- 2025 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- GPA 3.87/4.30
- Dean's List (2021-2022)
- Data Structures and Algorithms
- Operating Systems
- Computer Graphics (OpenGL)

DEC in Pure and Applied Science

2021

Champlain College, St-Lambert, QC

- Honor Roll Student (2019,2020)

PROJECTS

Autonomous Hovercraft

2023

Concordia University, Montreal, QC

- Design and build an autonomous hovercraft that can hover over 3mm obstacles.
- Hovercraft has to travel a track autonomously with the help of sensors.
- Design an algorithm (C++) and upload it on the Arduino mini.

JobHunt Website

2023

Concordia University, Montreal, QC

- Coded a job hunting website that can be used by employers and students.
- React used for user interface (frontend), NodeJS used for accessing SQL database (backend).
- Users (employer/student) can create job postings, apply to postings, book interviews, inbox/notifications.

Discord Bot

2022

- Project from HawkHacks 2022 with friends
- Coded games with odds such as blackjack using python and discord.py
- Implemented a system that keeps track of users' balance

WORK EXPERIENCE

Software Developer

Presagis, Montreal, QC

September 2022 – December 2022

- Developing test cases to cover specific requirements.
- Writing documentation
- Checking Test coverage of functions (Bullseye Coverage)

Food Runner

Rouge Restaurant, Brossard, QC

April 2019– May 2022

- Maintain speed and skill under stress and rush hour time.
- Multitasking and helping other workers with their tasks.
- Fast decision making and problem solving.

AWARDS & DISTINCTIONS

HawkHacks 2022 (Participation)

May 2022

Open themed hackathon in teams. Coded a Discord bot for entertainment purposes and testing our creativity. Worked as a team and learned a lot about python.

INTERESTS

Passions

Playing video games on the computers.
Enjoy problem solving games.
Playing Volleyball and Badminton.