

# 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 • Javascript • Python • React • Assembly

**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 (Academic)

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

**Core Competencies:** Leadership, Decision making, Cost efficiency analysis

### JobHunt Website (Academic)

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

**Core Competencies:** Teamwork, Time and Deadline management, Customer relationship management

### 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

**Core Competencies:** Teamwork, Learning, Creativity

## WORK EXPERIENCE

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### 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)

**Core Competencies:** Problem Solving, Time management, Strategic Planning, Autonomous

### Food Runner

April 2019– May 2022

Rouge Restaurant, Brossard, QC

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

**Core Competencies:** Communication, Teamwork, Customer Service

## AWARDS & DISTINCTIONS

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### HawkHacks 2022 (Participation)

May 2022

- Open themed hackathon in teams (4)
- Coded a Discord bot for entertainment purposes and testing our creativity
- Worked as a team and learned a lot about python and GitHub

## INTERESTS

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### Passions

Playing video games on the computers  
Enjoy problem solving games (Tetris, Sudoku, Talos Principle)  
Playing Volleyball and Badminton and Bouldering