

# EMMANUEL MA

*Driven software engineering student seeking real world experience.  
Familiar with working under pressure and adapting to new  
environments and challenges.*

Montreal + Mississauga

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## LANGUAGES + TECHNOLOGIES

- Python
- Java
- JavaScript
- C
- Bash
- HTML
- CSS
- Git
- Node.js
- React
- Flask
- MongoDB
- Bootstrap

## SKILLS

- Collaboration
- Initiative
- Goal Setting

## ACCOMPLISHMENTS

- Scored in the top 7% on the 2020 Senior CCC
- Ranked in the 98<sup>th</sup> percentile out of 110,000 users on DMOJ

## EXPERIENCE

### CSUS HELPDESK TUTOR (JAN 2022- PRESENT)

- Conduct one-on-one drop-in tutoring sessions for undergraduate computer science students
- Review and help debug student code
- Explain theory and address student weaknesses

### ENACTUS MCGILL DEVELOPMENT COORDINATOR (AUG 2021 - PRESENT)

#### ENACTUS MCGILL, MONTREAL, QUEBEC

- Developing a mobile application for connecting local businesses with McGill students
- Collaborated with Management side to align project design with management vision and define project milestones

## EDUCATION

### MCGILL UNIVERSITY - MONTREAL, QC (2020 - 2024)

BSc. Honours Software Engineering

Notable courses: computer systems, software systems, theory of computation

## PROJECTS

### WEB SCRAPER APP

- Collaborated with a team to develop a web scraper web app that scrapes news sites to algorithmically select positive articles. Script was written in **python**, and **Flask** backend made query calls to the **mysql** database. The frontend was built using **Vue** and **bootstrap**, with **axios** handling HTTP requests.

### ML PAPERWORK HELPER

- Worked with a team to create a web app that uses an ML text summarizer and AI chatbot to make filling out insurance papers easier. Consisted of a **Flask** backend with frontend of **HTML+CSS** and **Bootstrap**.