

# JANSSEN QU

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## SKILLS

- Fluent in English, French and Mandarin.
- Python, Java, C, JavaScript, HTML, CSS, Git, AWS EC2, JSON, Bash, Linux, SQL, MongoDB, PHP, REST, Matlab, MIPS, Agile and Team Development

## EXPERIENCE

### **TutorOcean, Ottawa — Software Engineer Co-op**

MAY 2021 - AUG 2021

- Built automation tests using Python with Selenium, Robot Framework and MongoDB.
- Fixed bugs and added more features to our website using JavaScript with Meteor and React framework.

### **McGill CSUS, Montreal — Helpdesk Tutor**

SEP 2020 - PRESENT

- Help students in CS through peer-to-peer tutoring
- help them with assignments, projects, exams and other CS course material.

## EDUCATION

### **McGill University, Montreal — BSc in Computer Science**

SEP 2019 - PRESENT

Expected to graduate in winter 2022.

## VOLUNTEER EXPERIENCE

### **GameDev McGill, Montreal — Game Programmer**

OCT 2020 - AUG 2021

- Made games with club members using Unity engine.
- Participated in social activities.

## PERSONAL/ACADEMIC PROJECTS

### **Dungeon Master**

A dungeon crawler game created using Python's PyGame library.

### **Vaccine App**

A Java application used by nurses to store patients' vaccination information into the SQL database

### **Shortest Path Finder**

A JavaFx program that finds the shortest path using a modified version of the BFS algorithm.

### **Multi-label Classification of Image Data**

Constructed different convolutional neural networks to classify handwritten digits and letters in images of the combo MNIST dataset.

### **Data Science Project**

Data Analysis in Concerned with Vaccination Hesitancy on Twitter.