JANSSEN QU

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SKILLS

- Fully bilingual.
- Results-driven and motivated, working well collaboratively with team or independently.
- Python, Java, C, JavaScript, TypeScript, HTML, CSS, JQuery, Bootstrap, Git, AWS EC2, JSON, Django, Flask, Robot, Selenium, Bash, Linux, SQL, MongoDB, PHP, REST, Agile methodology

EXPERIENCE

Codeucate, Vernon Hills — *Software Developer*

MAY 2022 - JUL 2022

- Part of a fast paced nonprofit corporation to teach young generations about computer science topics by offering online programming courses.
- Built direct messaging and notification features using Python and Django framework.
- Worked closely with developers and proposed solutions to improve the web platform usability.

TutorOcean, Ottawa — *Software Engineer Co-op*

MAY 2021 - AUG 2021

- Developed and maintained their online tutoring platform.
- Built automation tests using Python with Selenium, Robot framework and MongoDB.
- Fixed bugs and developed features using JavaScript with Meteor and React framework.

McGill Computer Science Undergraduate Society, Montreal — *Helpdesk Tutor*

SEP 2020 - APR 2022

- Help CS students through peer-to-peer tutoring with assignments, projects, exams and other related topics.

EDUCATION

McGill University, Montreal — *BSc in Computer Science*

SEP 2019 - APR 2022

PERSONAL/ACADEMIC PROJECTS

Elfenroads

Yearly team project building a digital version of Elfenroads board game using TypeScript, React and Phaser.

Vaccine App

A Java application for health professionals to store patients' vaccination information into SQL database.

Assisting Teaching Assistants

Developed a TA managing website using HTML/CSS/JS, Python/Flask and SQLite.

Shortest Path Finder

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

Multi-label Classification of Image Data

Convolutional neural networks that classify handwritten digits and letters using Python, Pytorch and Keras.