Wajdan M. Faheem

Wajdanf02@gmail.com ● linkedin.com/in/wajdan-faheem/ ● https://github.com/WajdanF ● (647)-765-1555

EDUCATION

Engineering Level 1 (Co-op)   Expected 2025

McMaster University Hamilton, ON

SKILLS

Languages: Java, Python, HTML5 & CSS, Dart, Javascript

Frameworks & Tools: Git/Github, Flutter, React, Firebase Firestore, Babel & Webpack, Netbeans, Microsoft Office suite

PROJECTS

Drink Desire | Flutter Developer   June 2020 — Sept 2020

- Designed an app to make it easier for people to order drinks while at work and remove any interactions needed using **Google SDK - Flutter**
- Implemented an authorization as well as a sign up system using the **Firebase Database API**
- Developed a simple and **interactive UI/UX** for any age group to use

Electromyography Controlled Robotic Arm | Python Developer   Nov 2020 — Dec 2020

- Spearheaded the development for a working code model of an **electromyography robotic arm to simulate the hand motion** of the surgeon using **muscle sensors** to sanitize surgical tools with **2 other teammates**
- The **Q-Labs** environment was used to simulate a real life situation with autoclaves and a robotic arm

Allergy Aware - In Progress | Flutter Developer   Jan 2021 — Present

- Created an app targeted at people with allergies to use and identify potential health risk in a product using **FoodFacts API** to pull the ingredients of the product and cross match it with the users allergies
- Next step is to **implement an image recognition system** to identify a product from a picture rather than scanning a barcode to pull the name of the product

WORK EXPERIENCE

Tutoring | Woodlands Tutor | Mississauga, ON   May 2020 - Aug 2020

- Created **personalized lessons for up to 8 students** concurrently struggling in areas such as math, chemistry and physics, which helped strengthen the concepts taught in-class
- Performed regular skill checks by **creating quizzes** to determine whether students were improving or not and adjusted lessons based on the results

ACTIVITIES & LEADERSHIP

McMaster Engineering Competition | 3rd Place   Nov 2020

- MEC brings out the best talent that McMaster Engineering has to offer and of the **400+ registrants,** my team came in **3rd place for computing** for designing a covid tracking system where I was in charge of extracting data.

VP/Developer | BRDGE LTD   Sept 2019 - Nov 2020

- **Collaborated in a team of 6 students** of back-end developers and web designers to develop a site that sells services in order to **raise money for charity**
- Created logos using **photoshop**, website designs with **HTML/CSS/JS**, and was a part of the proofreading team

Badminton and Volleyball Coach | Woodlands Secondary School Sport Team Coach   Dec 2017 - Jan 2019

- Demonstrated initiative by creating personalized lessons for each team member to make use of the full session
- Personally trained with students in one on one sessions to improve skills and graded each team member every three sessions to track progress