

# Wajdan Faheem

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## SKILLS

Languages: JavaScript • Java • Python • HTML5 & CSS • Dart • SQL

Frameworks & Tools: Git/Github • Flutter • Firebase • Google API • Netbeans

Soft Skills: Team Work • Lifelong Learner • Effective Communication • Adaptable • Open-mindedness

## WORK EXPERIENCE

### Woodlands Tutor | Tutoring

May 2020 - Aug 2020 | Mississauga, ON

- Created **personalized lessons** for a group of **up to 8 students at a time** with similar struggles in areas such as math, chemistry and physics.
- Developed activities that would help **strengthen the concepts** learned in the lessons and performed **regular skill checks** to see whether the student was improving or not.

## PROJECTS

### Drink Desire | Flutter Developer

June 2020 — Present

- Designed to make it easier for people to order drinks while at work using **Google SDK - Flutter** and implemented an authorization as well as a sign up system using the **Firebase API**. Also used **Firebase Database API** as the primary database to store and pull information from regarding the user.
- Developed a simple and **interactive UI/UX** to make it easier for any age group to use.

### Electromyography Controlled Robotic Arm | Python Developer

Nov 2020 — Present

- Developed a working code model of an electromyography robotic arm to **stimulate the hand motion** of the surgeon using **muscle sensors** in order to sanitize surgical tools by placing the containers into autoclaves.
- The **Q-Labs** environment was used to simulate a real life situation with autoclaves and a robotic arm.

### Allergy Aware - In Progress | Flutter Developer

June 2020 — Present

- Designing an app targeted at people with allergy to use and identify potential risk in a product to their health using **FoodFacts API** to pull the ingredients of the product and cross match it with the users allergies to find any similarities. This is being made using Google SDK - Flutter.
- Next step is to implement an image recognition system to auto identify a product from a picture rather than scanning a barcode to pull the name of the product.

## ACTIVITIES & LEADERSHIP

### Woodlands Secondary School Sport Team Coach | Badminton Coach

Dec 2017 - Jan 2019

- Make personalized training routine for each team member
- Personally train with them in one on one sessions to improve skills and graded each team member every three sessions to track progress

### BRDGE LTD | VP/Developer

Sept 2019 - Nov 2020

- created a website to sell services in order to **raise money for charity**
- Created logos, websites, and was a part of the proofreading team

### 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 3rd place!

## EDUCATION

### McMaster University

Hamilton, ON

B. Eng. Emphasis: Software Engineering