

# Savan Malhotra

1A MATHEMATICS STUDENT | UNIVERSITY OF WATERLOO

✉ savan.malhotra@uwaterloo.ca | 🌐 savanmalhotra.com | 📱 SavanMalhotra | 📺 SavanMalhotra

## Skills

**Interpersonal** Active listening, Teamwork, Leadership, Problem Solving  
**Languages** JavaScript, Swift, Java, Kotlin, Python, C, PHP, SQL  
**Technologies** React, Node.js, AWS, Arduino, Raspberry Pi, Algolia, Twilio, SendGrid

## Experience

### Notify | notifyapp.ca

Toronto, ON

FOUNDER AND CEO

June. 2017 - Present

- Built a mobile queue management service for appointment based businesses looking to improve their customer experience and overall workflow without breaking the bank.
- Published iOS and Android apps built using Swift and Java/Kotlin respectively.
- Using React and Node.js, I developed a web dashboard to allow businesses to manage their queue.

### Canadian Youth Nutritional Education Association | cynea.org

Pickering, ON

CHIEF TECHNOLOGY OFFICER

Sep. 2019 - Present

- Managed a growing team to successfully deploy and maintain both of the CYNEA TrackMe Android and iOS apps.
- Tasked to grow the TrackMe system to integrate with Amazon Alexa and Google Assistant compatible devices.

### SOLUM | joinsolum.com

Remote

VP OF TECHNOLOGY

Sep. 2012 - Feb. 2013

- Developed and published an interactive web dashboard to connect student volunteers to long term care residents using VoIP.
- Built using React, Node.js and the Zoom Web SDK.

### SM Consulting

Remote

FREELANCE WEB DEVELOPER

Sep. 2015 - June. 2017

- Consulted and built websites for various clients while providing input on operational improvements.
- Learned the basics of database structure and how back-end servers interface with the front-end while using PHP, SQL, JavaScript, HTML, CSS, SendGrid and Twilio.

## Projects

### Autonomous Robotics

ARDUINO, RASPBERRY PI, C, SWIFT, PYTHON, TENSORFLOW

- Interfaced an iOS app with a Raspberry Pi to control the direction of an autonomous robot.
- Used TensorFlow on an iOS app to detect objects, which using an MQTT network, controlled the motors connected to the Raspberry Pi.
- Constructed for the 2020 Skills Ontario robotics competition.

### PHS Network Portal

JAVASCRIPT, HTML, CSS, FIREBASE

- Built a content management system for my school's newspaper to create, edit and publish articles directly to our website.
- Used JavaScript, HTML and CSS for the front-end Ui, while utilizing Google Firebase's authentication and Realtime database features.

## Education

### University of Waterloo

Waterloo, ON

CANDIDATE FOR BACHELOR'S OF MATHEMATICS

Sep 2020 - PRESENT

- Intended Major in Data Science