

## PROGRAMMING LANGUAGES

JavaScript

HTML

CSS

Scheme

C

## TECHNOLOGIES

MongoDB

Express

Node.js

React.js

Figma

Microsoft Office

Adobe Suite

Affinity Designer

ArcGIS

AutoCAD

## EDUCATION

### Candidate for B. Environment Studies

Joint Honours Planning  
with Math, Computing  
Option | University of  
Waterloo | 3rd Year

## LANGUAGES

B1 French

Conversational Chinese

## PROFESSIONAL EXPERIENCE

### Support Tools Developer, Alert Labs

Kitchener, Ontario | *April - August 2019*

- Developed automated system to flag registered sensors of interest and deliver automated Slack channel reports
- Implemented a sensor SIM card deactivation/reactivation feature using the Particle API
- Created functionality to automatically identify sensors that were negatively affected by firmware updates

### Hackathon Co-Lead, EnergyHack

Waterloo, Ontario | *March 2019 - Present*

- Delegate and manage a team of 20 to bring University of Waterloo's only sustainability and civics focused hackathon
- Responsible for the partnership with MLH (Major League Hacking)
- Oversee logistical, experience and financial decisions

### Logistics Coordinator, StarterHacks

Waterloo, Ontario | *July 2019 - Present*

- Leading the communication between mentors and sponsors
- Designed and managed the mentor application process

## PROJECTS

### Pomodoro | *October 2019*

- Built with React
- An automated timer for a focus method

### Tweet Like Trump, Hack the North | *September 2019*

- Built with React, Google AutoML Natural Language, JavaScript, Python and Twitter API
- Predicted and graphed changes in the S&P 500 based on Donald Trump's tweet history

### Constellation Fantasy, BrickHacks | *February 2019*

- Used Vuzix SDKs, Unity, and Vuforia to create an augmented reality prototype to market consumer products
- Coordinated team members to make sure that prototypes and presentations shared a consistent product vision

Winner of the following awards:

*Best Constellation Brands Consumer Experience*

*Runner-Up Most Creative Use of Vuzix Blades AR Smart Glasses*

*Honourable Mention for Best Newbie Hack*