Isabelle Sauvé

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30A Hickory Street W,
Waterloo, ON

Languages
C++
JavaScript
HTML & CSS
PHP
Java
Python
MATLAB
ARM & MIPS

**Libraries/
Frameworks**
Node.js
Express.js
jQuery
Bootstrap
AJAX
Redis

APIs
Twilio
Firebase
Google Vision

Tools
Postman
SimpleSAML
PhoneGap
GitHub
Jetbrains IDEs

Languages
English (Native proficiency)
French (Native proficiency)

Education

Bachelor of Software Engineering | Business Option | Co-op
University of Waterloo | Sept. 2016 – April 2020

Projects

NatalNet
Full Stack Developer

SMS & web app that increases the accessibility of pre- and post-natal care for women in rural communities of Bangladesh
Twilio, Firebase, Node.js, Express.js, Bootstrap

*Break Inequality Hackathon Grand Prize Winner
Google Technology Competition Winner
Featured on CBC, The Morning Edition, and more*

NutriFence
Back End Developer

Mobile app for people with dietary restrictions that uses OCR to scan food labels & determines if the item is suitable for their diet
Google Vision Cloud, Node.js, Express.js, Redis

ArchHacks Best Nutritional Hack Winner

Word Switcher
Personal Project

Chrome extension that switches every occurrence on a web page of a chosen input word for some other input word

Personal Website

Online portfolio designed & built from scratch

Retro Games

Games built with JavaScript and HTML5 canvas

Professional Experience

Jan-Apr 2017

Undergraduate Research Assistant // *UWaterloo*
Developed a web server facilitating communication between mobile app & autonomous car
Node.js, Express.js, Postman

May-Aug 2016

App Developer // *Waterloo Autonomous Vehicles Lab*
Developed the front & back ends of a web app which allows users to request rides from an autonomous car
Bootstrap, JavaScript, SimpleSAML, Redis, PHP

May-Aug 2015

Assistant Researcher // *University of Alberta Hospital*
Gathered & analyzed data on DVT/PE occurrences

2012-2014

Rock Climbing Instructor // *Vertically Inclined Rock Gym*
Taught adult classes and programs, ran kids summer camps, assisted in the training of lower level instructors