

# Bill Li

*bill-l1.github.io*

+1 (647) 633-0471  
b382li@uwaterloo.ca

## Skills

Web technologies: Laravel, React, Vue.js, Node.js, Flask, Firebase, PHP

General: HTML/CSS, JavaScript, Python, C++, Java, MySQL, Git, Linux, Bash

## Experience

May–Aug 2020 **Full-stack Developer**, *eleven-x*, Waterloo, ON

- Expanded features and performed automated unit testing for eleven-x's Laravel web app (PHP).
- Improved on internal microservices with Laravel and Vue.js. Developed bash scripts for monitoring.
- Mapped 10+ parking floor plans in MapTiler for the City of Calgary, designed in Inkscape.
- Built LoRaWAN decoders in JS for several IoT devices currently serving UBC.

Jul–Aug 2019 **Sales Agent**, *CIK Telecom*, Markham, ON

- Setting up booths in condos/apartment buildings to sell Internet plans to residents.
- Handled sales, promotional material and 1-on-1 customer service.
- On average, made 5 sales/week in-person.

## Projects

Back-end **Hawkshot**

Submission for Riot's Legends of Runeterra API Challenge. Web service that allows users to create and vote on pop-up tips about how in-game elements interact. Tips are handled with a REST API built in Flask (Python) using Google Firebase for authentication and storage.

[github.com/bill-l1/hawkshot](https://github.com/bill-l1/hawkshot)

Full-stack **Notescribe**

Web service for collaborative note-taking. Automatically translates audio data for transcription using Google Cloud Speech-to-Text API. Front-end built with Bootstrap. Back-end built with Flask & Celery (Python) using Google Firebase for authentication and storage.

[github.com/bill-l1/notescribe](https://github.com/bill-l1/notescribe)

Full-stack **Bunkr**

Built for Hack the 6ix 2020. Web service for inventory management to make casualty insurance claims easier. Built in React using Firebase for hosting, authentication and storage.

[github.com/bill-l1/hack-the-6ix](https://github.com/bill-l1/hack-the-6ix)

Android **DUOL**

Multiplayer game using a phone's accelerometer data to play. Built in Android Studio (Java).

[github.com/bill-l1/duol](https://github.com/bill-l1/duol)

Game Dev. **golf?**

Fun little 2D golf game made as a Grade 12 CS project. Built in Eclipse (Java).

[github.com/bill-l1/golf](https://github.com/bill-l1/golf)

## Education

2019–Present **Undergraduate**, *University of Waterloo, Computer Science*

*Courses: CS135 Designing Functional Programs, CS136 Elementary Algorithm Design, CS246 Object-Oriented Development*