





Lindsey Jin

UWaterloo Software Engineering Class of 2022

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SKILLS

Languages: JavaScript, C, C++, Python, Java, HTML/CSS, SQL, Scala

Frameworks & Tools: Vue.js, AngularJS, Node.js, Flask, Git, Bash, Arduino

WORK EXPERIENCE

Full Stack Development Intern | Genesys

Jan 2019 - Apr 2019

- Worked on UI prototype of an interactive graphing mode for applications using mxgraph and **AngularJS**
- Migrated existing PHP code to **Node.js** and integrated **redis** caching, optimizing performance by over 60%
- Created web app using **Vue.js** for company hackathon project, winning first place in the Genesys Innovation World Cup
- Enabled read-only view and validation checking for application builds

Catastrophe Modeling Application Developer | Validus Research Inc

May 2018 - Aug 2018

- Developed internal website using **Flask** and **Vue.js** to display and edit database currency records
- Wrote **Flask** application to populate Excel sheets, automating over 70% of the direct insurance process
- Created companion web app for automation tool to monitor status of ongoing tasks, in use by all analysts at the Minneapolis branch
- Implemented and refactored unit tests with over **90% code coverage**
- Set up SSL certificates for internal web servers using IIS and Apache
- Fixed bugs and implemented various UI improvements to new and pre-existing applications

PROJECTS

Passport Plus

Oct 2018

- Developed web app with **Vue.js** and **Flask** that scrapes information about exchange destinations off of Waterloo Passport and displays it in a minimalist, user-friendly interface

Lift | Winner at Hack the North 2018

Sept 2018

- Worked on a Fitbit app that tracks a user's workout progress by counting repetitions using the watch's built in accelerometer
- Created **Vue.js** dashboard to visualize biometrics in real time during a workout

Bash the Ballot | Best Use of ConsenSys API at Hack the Valley 2

Feb 2018

- Developed an elections web app with **React** that implements uPort, which uses **smart contracts** to verify unique voter identities

FruityFun

Nov 2017

- Designed and implemented a match three game (similar to Candy Crush) in **C** on an **Arduino UNO**, with auto-shuffle, randomize, and move-detecting features

EDUCATION

University of Waterloo, Candidate for Bachelor of Software Engineering

Sept 2017 - Apr 2022

- Cumulative GPA: 3.83