Lindsey Jin

lindseyjinlj@gmail.com
github.com/lindseyjin
linkedin.com/in/lindsey-jin

SKILLS

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

Frameworks & Tools: Vue, Flask, Git, Bash, Vim, Arduino

WORK EXPERIENCE

Catastrophe Modeling Application Developer — *Validus Research Inc.* MAY 2018 - AUG 2018

- Developed web apps using **Flask** and **Vue** to streamline the reinsurance process
- Scripted **Python** application to populate Excel worksheets, automating up to 70% of the direct insurance workflow
- Created companion web app for automation tool to monitor status of ongoing tasks, currently being used by all analysts at the Minneapolis branch
- Implemented and refactored unit tests with over 90% code coverage
- Documented and set up SSL for internal web servers using **IIS** and **Apache**
- Fixed bugs and implemented various UI improvements to new and pre-existing applications

Private Tutor SEPT 2013 - MAY 2017

- Tutored students in grades K-8 to improve their math, reading and writing skills
- Developed lesson plans and strategies to best fit each student's learning style

PROJECTS

Lift — *Winner at Hack the North 2018* SEPT 2018

- Worked on a **Fitbit app** that seamlessly tracks a user's workout progress by counting repetitions using the watch's built in accelerometer
- Created web app using **Vue** that retrieves Fitbit data and displays it on a dashboard

TutorConnect — *Equithon* MAY 2018

- Programmed a web application using **Flask** and **Bootstrap** that connects struggling students with potential tutors

Bash the Ballot — *"Best Use of ConsenSys API" at Hack the Valley 2* FEB 2018

- Developed and designed an elections web app using **React** that implements **uPort**, which uses smart contracts to verify unique voter identity

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
- Programmed Arduino to take touch input from a TFT LCD touchscreen and load graphics from a micro SD card

EDUCATION

University of Waterloo — *Candidate for Bachelor of Software Engineering* SEPT 2017 - 2022

- Term Dean's Honours List: 88.6% cumulative average