Sarah Li

Vancouver, British Columbia, Canada

COMPUTER SCIENCE · STATISTICS · YEAR 3

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Technical Skills

- **Programming Languages:** Scala | Java | Typescript/Javascript | HTML | CSS | C++ | C | SQL | Python
- **Development tools:** Intellij | Linux/Unix | Chrome DevTools | Git | React | Android Studio | Cassandra
- **Testing frameworks:** JUnit | ScalaTest | Jasmine | Gatling | Valgrind

Education

University of British Columbia

Cumulative GPA: 4.00   Expected graduation date: Apr 2022

- Currently pursuing a Bachelor of Science and specializing in computer science and statistics
- Achievements: Dean's Honour List, British Columbia Achievement Scholarship, instructor-endorsed Piazza poster

Work Experience

Software Developer Co-op (Full Stack)   Sept 2019 - Present

Visier Inc.

- Developed "What-If" technology which calculates and displays future data in a variety of charts, and gives users the ability to build projection models using custom formulas and metrics
- Provided full test coverage, performed code review, and evaluated technical tradeoffs of designs to ensure high product quality
- Presented design ideas for end-to-end features to stakeholders and worked collaboratively with product/UX teams
- Implemented server side algorithms and logic in Scala / reactive client UI in Typescript with AngularJS

Projects

Tinder for Cats

nwHacks UBC   Feb 2020

- Cross platform mobile app for pet owners to meet, schedule meetings, and create playdates for their pets
- Created with Javascript/JSX on React Native and a Firebase database as an entry for nwHacks 2020

Voice to Sign Language Translator

Local Hack Day UBC   Nov 2019

- Android app aiming to bridge language barriers by translating both text and voice phrases to American Sign Language
- Created using Microsoft Azure's voice recognition API and Android Studio

Fitness Tracker

Personal   Feb 2019

- Desktop app for users to log calorie intake and calorie burn per day, and saves previous health logs
- Created with Java, JavaFX for UI, and JSON parsing of a nutrition API response

To-Do List

Personal   Feb 2019

- Android app which allows the user to create, check off, and save tasks
- Created with Android Studio as practice for using object oriented design principles

"Sort" of Fun

XdHacks UBC   Jan 2019

- Browser pixel game involving sorting trash into the correct bins within a time limit to promote eco-consciousness
- Created with the PixelJS library, Javascript, and HTML

Extra-Curriculars

Technical

- Hackathons at UBC: nwHacks 2019-2020, XdHacks 2019, Local Hack Day 2020
- HacktoberFest 2019-2020 by Digital Ocean, contributed to several open source projects in October

Science Undergraduate Society   Sept 2017 - April 2019

- Represented first year students at council meetings by sharing opinions and ideas provided by my peers
- Created marketing material for the SUS in the form of memes and videos
- Helped to engage Science students by organizing social events, distributing exam care packages, and encouraging student voting

Orientation Leader   Sept 2018 - Nov 2018

- Mentored a group of first year students through their first months at UBC by providing student life and academic advice