Sarah Li

Vancouver, British Columbia, Canada
COMPUTER SCIENCE · STATISTICS · YEAR 3

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Skills

Programming Languages	Scala ⏐ Java ⏐ TypeScript ⏐ HTML ⏐ CSS ⏐ C++ ⏐ Python ⏐ JavaScript ⏐ C ⏐ SQL
Frameworks & Libraries	AngularJS ⏐ RxJS ⏐ ReactJS ⏐ React Native ⏐ ScalaTest ⏐ Jasmine ⏐ Gatling ⏐ JUnit
Development Tools	IntelliJ ⏐ Linux/Unix ⏐ Chrome DevTools ⏐ Git ⏐ Android Studio ⏐ Cassandra

Education

University of British Columbia   Sept 2017 - Apr 2022

B.S IN COMPUTER SCIENCE AND STATISTICS

- Achievements: Dean's Honour List, British Columbia Achievement Scholarship, instructor-endorsed Piazza poster

Experience

Software Developer Co-op (Full Stack)   Sept 2019 - Aug 2020

VISIER INC.

- Developed an HR analytics product which allows users to build custom projection models and visualize future data in charts
- Performed code review and evaluated technical tradeoffs of designs to ensure high code quality
- Provided comprehensive tests for all changes using ScalaTest, Jasmine, and internal testing frameworks
- Updated complex server side algorithms in Scala / created reactive client UI in TypeScript and AngularJS

Projects

Tinder for Cats   Feb 2020

NWHACKS UBC

- Cross platform mobile app for pet owners to meet and schedule meetings and playdates for their pets
- Created using Javascript/JSX with React Native and a Firebase database as a hackathon entry

Voice to Sign Language Translator   Nov 2019

LOCAL HACK DAY UBC

- 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   Feb 2019

PERSONAL

- Desktop app which allows users to log calorie intake and calorie burn per day, and save previous health logs
- Created using Java, JavaFX, and JSON parsing of a public nutrition API

To-Do List   Feb 2019

PERSONAL

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

"Sort" of Fun   Jan 2019

XDHACKS UBC

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

Extra-Curriculars

Technical

- 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 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

Imagine Day Orientation Leader   Sept 2018 - Nov 2018

- Mentored a group of first year students throughout their first months at UBC by providing advice on student life and academics