

## PROFESSIONAL EXPERIENCE

### Esri Canada

Vancouver, British Columbia

Developer

June 2019 – Present

Work on front-end and back-end aspects of projects, from designing the layout and CSS of web apps to managing databases and writing logic for applications

Develop and maintain full stack web applications for clients using Angular/TypeScript

Write automation scripts in Python to aide team members in 3D building model digitization process

Collaborate with up to 15 team members, using Azure DevOps Repos to maintain code quality and coherence and practicing Agile software development

Communicate with clients to negotiate requirements for projects and to present deliverables

### Canadian Web Hosting

Vancouver, British Columbia

Junior Programmer

May 2018 – February 2019

Designed websites for the company and its subsidiaries, primarily with Meteor, React, Angular, and Sails

Leveraged knowledge in Full Stack web development, Git, algorithms & data structures, JavaScript, and debugging with Chrome Dev Tools

Tested and fixed bugs on existing company websites.

## EDUCATION

### Simon Fraser University

Burnaby, British Columbia

Bachelor of Science (Computing Science Major)

January 2018 – April 2020

Programming coursework in algorithms & data structures, operating systems, databases, machine learning, and software engineering

Dean's Honour Roll - Spring 2020

### Langara College

Vancouver, British Columbia

Associate of Science (Computer Science)

January 2015 – December 2017

Dean's Honour Roll - Spring 2016, Fall 2016

### Harvard / EDX

Online

CS50x: Introduction to Computer Science

May 2016 – July 2016

## PROJECTS

### Transit / Next Bus

<https://sheldonfries.com/transit>

Angular web application using local transit authority and Bing Maps APIs to find next bus

### Goofspiel

<https://play.google.com/store/apps/details?id=cc.cu.hockeycalculator.goofspiel>

Android game developed in Java with custom graphics and animations

### HIIT Timer

<https://play.google.com/store/apps/details?id=cc.cu.hockeycalculator.hiittimer>

Android application developed in Java following material design principles

### Language Sudoku

<https://github.com/alexh65/sfu-sudoku-2018>

Android game and university group project developed in Java using version control

## SKILLS

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

**Frameworks/Libraries:** Node.js, Angular, jQuery, Meteor, React, Sails, Vue.js

**Tools/Miscellaneous:** Linux, Git, AWS, Heroku, Gradle