

EXPERIENCE

Rizing Geospatial

Remote

Senior Developer

April 2023 – Present

GIS Developer

December 2021 – March 2023

- Collaborate with clients to provide geospatial solutions for a variety of industries, including oil & gas and transportation
- Create Python & .NET programs to manipulate and maintain client geospatial data
- Work with project managers to define requirements and design implementations for client projects
- Train and mentor team of junior developers on geospatial development and SOLID principles

Esri Canada

Vancouver, British Columbia

Developer

June 2019 – December 2021

- Developed full stack web applications for clients using Angular, C#, and the ArcGIS platform
- Worked with a team of GIS analysts to create geospatial applications for clients in property assessment
- Wrote Python scripts to automate data processing workflows, resulting in a 25% increase in efficiency
- Collaborated with up to 15 team members, practicing Agile software development and using Azure DevOps to maintain code quality/coherence

Canadian Web Hosting

Vancouver, British Columbia

Junior Programmer

May 2018 – February 2019

- Designed websites for the company using Meteor, React, and Angular
- Leveraged knowledge in Full Stack web development, algorithms & data structures, and Git

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

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

SKILLS

Languages: JavaScript/TypeScript/HTML/CSS, Python, Java, C/C++, C#/.NET, SQL
Frameworks/Libraries: Node.js, Angular, jQuery, ArcPy, Maps SDK for Python/.NET
Tools/Miscellaneous: Windows, Linux, Git, Azure