

## Education

**Thompson Rivers University**  
*Diploma of Computing Science*

2018 – 2022  
Kamloops, BC

## Experience

### Teck Resources

*Digital Systems Co-op*

September 2020 – May 2021  
Calgary, AB

- > Product Support: Provided phone and technical support including solution search in internal documentation, technical analysis including research in previous cases, SQL queries to databases, efficient interfacing between developers and end customers in a SCRUM workspace
- > Developed tests and features for the product frequently using C# NET 5.0, S3, SQL and Python, Reduced CI/CD pipeline by considerable 20 minutes using a custom Python pipeline

### Swartz Software Development

*Junior Software Developer*

January 2020 – August 2020  
Remote, SF, USA

- > Developed prototypes for hybrid mobile application using React Native, TypeScript and Node.js
- > Contributed in requirement gathering, design, advertising, testing and development and testing of the final production release
- > Introduced Detox for React.js E2E testing and TravisCI for continuous integration

### USNR

*Software Developer Co-op*

May 2019 – December 2019  
Salmon Arm, BC

- > Led design and development of neural networks for species detection of wood improving the results by a considerable 38%
- > Assisted in requirement gathering, design, development, and documentation for various AI projects using Python, SQL, and C#
- > Researched computer vision developing new applications for our network in wood defect detection

### Thompson Rivers University

*Research Assistant*

January 2019 – April 2019  
Kamloops, BC

- > Led conversion of the project from Perl to Python allowing for better library support and improved features
- > Analyzed and peer reviewed various research papers regarding bioinformatics using LaTeX

*Teaching Assistant*

September 2018 – April 2019

- > Assisted Late Dr. Mohd Abdullah with Introduction Python and C# course

## Projects

### Sorting Visualizer

- > A vizulizer for some  $O(n^2)$  sorting algorithms

### Stock Chart Dashboard

- > A mobile web app design with detailed interactive charts using TailwindCSS built on NextJS

## Skills

**Languages** Java, JavaScript [ES6, React, Redux, Node.js, TypeScript], Python [Django], C# [.NET 5, .NET Core]

**Scripting** Latex, HTML, CSS, SQL

**Misc** Cloud [GCP, AWS], HTML, CSS, SQL [PostgreSQL, MySQL], CI/CD, Testing [Unit, E2E]