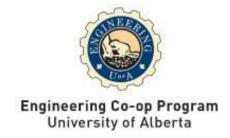
Brock Chelle

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University of Alberta Academic and Co-op Status

Computer Engineering - Software, BSc Co-op

Cumulative Grade Point Average Completed Academic Terms Completed Co-op Work Terms Next Work Term Class of 2022 3.4/4.0 5 of 8 2 of 4

May - December 2021

Computer Experience & Skills

Languages: Typescript, Javascript & NodeJS, Python, C/C++, Swift, Java, HTML, CSS. **Libraries & Frameworks:** React, JQuery, ExtJS, Express, Mongoose, Passport, SASS.

Databases: MongoDB, Firebase, SQLite.

Operating Systems: Windows, Ubuntu, MacOS. **Version Control:** Git (Github, Gitlab), Subversion.

Other: Figma, MSOffice, Google Drive, Jira, Confluence, Crucible.

Work Experience

Willowglen Systems Inc, Edmonton, AB

January - September 2020

Co-op Software Developer

- Developed a backend application with C++ to collect and analyze data regarding GPS locations.
- Developed a front end application with JQuery, HTML, and CSS which is used for creating and visualizing reports for safety and system accuracy.
- Designed & Implemented several front end components with ExtJS for a client upgrade project.
- Completed thorough field testing with our QA team to ensure quality of a new product.
- Performed code reviews for other developers at Willowglen.
- Led multiple company update meetings with 30+ attendees.
- Analyzed the current state of a client's existing software as part of an upgrade project.

Portfolio Projects

"Keeplt - Item Tracker" iOS Application

June - September 2019

Personal Project

- Developed an iOS application using Swift that helps users keep track of their belongings.
- Used Google Firebase for Authentication, Cloud Storage, and to store User Information.
- Implemented the MVC design pattern to separate the UI from the data.
- Created a prototype of the UI using the Figma design software.
- App was approved by the app store and is now available on all iPhone and iPad devices.