

Alvin Xu

<https://ax920.github.io>

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EDUCATION

- **University of British Columbia**

Bsc, Major in Computer Science; Minor in Commerce

Vancouver, BC

Sept. 2018 – Current

EXPERIENCE

- **AnalysisWorks**

Web Development Intern

Vancouver, BC

May 2020 - Aug 2020

- **C3.js:** Worked with C3.js source code to achieve customized tooltip logic. Utilized in several modules to display different healthcare metrics for hospitals in Canada.
- **Code Refactor:** Refactored tables and charts throughout several modules into their own components for increased efficiency and readability.
- **Error Logging:** Wrote a NestJs error logging service to catch thrown errors, unhandled promise rejections and uncaught exceptions, improving loading times by 50%.
- **UI Mockup:** Prototyped several design options for user actions such as active, suspend, deactivate, and reset password, using Invision.
- **Client Meetings:** Participated in meetings with stakeholders and clients to discuss feedback changes and improvements for the web application.
- **Deploy to Azure:** Deployed application to staging and production environments hosted on Azure.

- **UBC Arts ISIT**

IT Helpdesk Support

Vancouver, BC

Sept 2019 - Dec 2019

- **Customer Service:** Provided excellent customer service in a high-traffic environment.
- **Interpersonal skills:** Developed strong interpersonal skills and received positive customer feedback from customers.
- **Adaptability:** Demonstrated adaptability by taking direction and constructive advice from managers and co-workers.

- **AnalysisWorks**

Web Development Intern

Vancouver, BC

May 2019 - Aug 2019

- **Login:** Created a single sign-on login system from scratch with Oauth 2.0 and OpenID Connect APIs.
- **REST:** Developed a proprietary RESTful API to connect multiple web applications and maintain a central authentication system.
- **Git:** Coordinated with team members to develop with a feature/master branch workflow in Git.

PROJECTS

- **ProShop Inventory:** Inventory tracking application in use by GYMVMT Edgemont to track the proshop's inventory, sales, and profits. **Angular, Express, Heroku**
- **VibeIt:** Spotify playlist generator that generates curated playlists based on a particular mood (high-energy, studying). **React, Spotify web-api**
- **TypeMeNot:** Chrome web extension that warns the user of potentially toxic or offensive language when typing comments on websites such as Reddit, Facebook, Twitter. **Chrome Extension, Google Sentiment Analysis API**
- **Emissions Depot Analysis:** Script used by EmissionsDepot that takes a csv file generated from QuickBooks and outputs a sorted list of items based on profit margin. **Python**

PROGRAMMING SKILLS

- **Languages:** Typescript, Javascript, Java, C++, SQL, Python
- **Technologies:** Angular, React, NestJs, Redux, RxJs, Heroku, Git, Okta