# Alvin Xu

https://ax920.github.io/

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## EDUCATION

- **University of British Columbia** — Vancouver, BC
  *Bachelor of Science in Computer Science; Minor in Commerce* — *Sept. 2018 – Current*

## EXPERIENCE

- **AnalysisWorks** — Vancouver, BC
  *Web Development Intern* — *May 2020 - Aug 2020*
  - **C3.js**: C3.js is a D3-based charting library. Worked with the 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 on a production application.
  - **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** — Vancouver, BC
  *IT Helpdesk Support* — *Sept 2019 - Dec 2019*
  - **Customer Service**: Provided excellent customer service in a high-traffic environment.
  - **Intepersonal 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** — Vancouver, BC
  *Web Development Intern* — *May 2019 - Aug 2019*
  - **Login**: Created a single sign-on login system from scratch with Oktas 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 squash proshop's inventory, sales, and profits. **Angular, Express, Heroku**
- **VibeIt**: 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