

Alvin Xu

EXPERIENCE

AnalysisWorks, Vancouver, BC *Web Development Intern*

May - Aug 2019

- Created a single sign-on login system from scratch with Okta's OAuth 2.0 and OpenID Connect APIs
- Developed a proprietary REST API to connect multiple web apps and maintain a central authentication system
- Coordinated with team members to develop with a feature/master branch workflow in Git

UBC Arts ISIT, Vancouver, BC *IT Helpdesk Support*

Sept - Dec 2019

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

PROJECTS

TypeMeNot *JavaScript, Node.js, Perspective API*

- Winner of the nwHacks 2020 Wolfram Award
- Implemented a chrome web extension that warns the user of potentially toxic or offensive language when typing comments on websites such as Reddit, Facebook, Twitter etc.
- Created a Node.js server to call the Perspective Sentiment NLP API to compute a toxicity score for text
- Conceived of a method to ensure that textboxes are checked for toxicity in real time

Room8 *Android, Java, Firebase*

- Roommate coordination application built in Android and Firebase that allows for scheduling and dividing tasks among roommates
- Retrieved information, such as email or group status from a Firebase database for login functionality

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SKILLS

[Scripting]

TypeScript, JavaScript

[Web Development]

Angular, React, OAuth 2.0
Okta, ASP.NET 4.x

[C/C++]

[Android]

Android, Java

[Version Control]

Git, GitHub

[Databases]

MySQL, Firebase

EDUCATION

University of British Columbia, Vancouver, BC

Completion: May 2022

Major in Computer Science
Bachelor of Science
Intended Minor in Commerce

Relevant coursework

CPSC 221

[Data Structures and Algorithms]

CPSC 210

[Software Construction]