
Vivian Lam

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Languages: Java, Javascript, HTML, CSS, SQL, C++, C, C#

Environments: Linux, OSX, Windows, IntelliJ, Android Studio, VS Code, XCode, Vim, Unity

EXPERIENCE

iA Financial Group - Software Developer Intern

May 2018 - Aug 2018

- Use MVC & MVVM architecture, along with Knockout.js to implement front-end features on Unifi 2.0, a web-app used by > 200 car dealerships across Canada
- Repair bugs affecting insurance rates, improving profit from clients by 5%
- Create form validations to verify driver license and birthdate for insurance legibility for over 50 users

Course Scheduler | Personal Project

Jul 2017 - Present

- Design front-end using Vue framework, HTML and CSS for a web application that generates schedules for UBC students, given a set of desired courses.

Cabin Escape | AMS Game Development Club

Jan 2017 - May 2017

- Construct puzzles using C# for a cabin-style escape-the-room game
- Integrate 3D-models made with Blender into game environment
- Collaborate with a team consisting of a developer, artist, storyteller and music composer

Goldfish | NwHacks

Mar 2017

- Develop an Android application to remind users about custom items or events
- Display notification upon detecting physical motion exerted on the phone, such as picking the phone off the table, or pulling it out of pocket
- Design graphics and user interface which allows a 2 second set-up

Buses 'R Us | Academic Project

Oct 2016 - Dec 2016

- Develop an Android application to show bus routes and arrival times on a map
- Fetch real-time data for public transit in BC, using Translink's API

Troopers | LumoHacks Semi-Finalist

Sept 2016

- Design an iOS application to increase communication for families where someone is diagnosed with an illness
- Supports patient by encouraging family discussion about language, division of housework, personal preferences and boundaries

COMMUNITY INVOLVEMENT

UBC UX Hub - President | University of British Columbia

May 2018 - Present

- Plan monthly workshops and networking events to educate students on UI/UX design

GirlsSmarts4Tech | University of British Columbia

Jan 2017 - Mar 2017

- Teach HTML and CSS workshops for Grade 6-7 girls
- Mentor students by explaining web development concepts and encouraging exploration

EDUCATION

University of British Columbia – BA Computer Science, Cognitive Systems

June 2020