

James Liu

Software and Web Developer

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EXPERIENCE

University of British Columbia

Undergraduate Teaching Assistant

August 2014 – Present

Teaching assistant for CPSC 121, Models of Computation at UBC. In charge of designing and teaching tutorials, as well as marking and exam invigilation.

University Transition Program

Computer Science Instructor

March 2014 – July 2014

Taught a class of about 15 gifted students the UBC CPSC 110 course material over the span of about 6 months. Worked closely with Vancouver School Board instructors to design the materials.

BronyCAN

Web Developer

October 2013 – Present

Developed a brand new WordPress theme to replace the static HTML pages that were used the previous year. Used as a gateway for registration, hotel booking, and information for over 1000 attendees. Additionally, I helped configure the at-con server, registration systems, and various networks.

SKILLS

Programming Languages

Java, C#, Python, Racket, C, C++

Web Development

JavaScript (incl. AngularJS, Node.js, and jQuery), PHP, HTML5, CSS3, Apache, Nginx, Less, Sass, Stylus, Jekyll

Mobile Development

Android and Windows Phone 8

Databases

MySQL, PostgreSQL, MongoDB

Applications

Visual Studio, Eclipse, Sublime Text
Microsoft Office, Adobe Creative Suite

Operating Systems

Windows, Mac OS X, Linux

Other

Git, SVN, Bower, Grunt, Yeoman
Google Analytics, New Relic
Mandarin Chinese - Proficient

EDUCATION

University of British Columbia, Vancouver, BC

Bachelor of Science, Computer Science, Class of 2017 (expected)

3.75 GPA. Relevant courses include software architecture, data structures, and computing hardware

University Transition Program, Vancouver, BC

Dogwood Diploma, Class of 2013

A program designed to prepare 13-15 year olds for early entrance to university by condensing a typical 5 year high school course load into an intensive, rigorous 2 year curriculum.

PROJECTS

Confinder/Hackfinder

AngularJS, Google Maps API

A simple and easy to use webapp to help you find conventions or hackathons near you.

Project Sunrise

Node.js, AngularJS, MongoDB, Express, Socket.IO

Simple and easy online character creation, viewing and sharing.

4.0 For All

Node.js, AngularJS, MongoDB, Express

A site to help UBC students pick courses based on historical performance data.

Trill

Node.js, AngularJS, MongoDB, Twitter API

A free, open source Twitter and Instagram wall.

SimpleBus

AngularJS, Flask, Translink API

How much longer until your bus is coming. It's that simple.

Busfinder

Windows Phone 8, Bing Maps, Translink API

An elegant and user-centric app that enables users to wayfind and schedule trips around Metro Vancouver via transit.

Rollin'!

Windows Phone 8

A simple, powerful dice roller for Windows Phone.