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.

University Transition Program
Computer Science Instructor
March 2014 – July 2014
Taught a class of about 10 gifted students the UBC CPSC 110 course material over the span of about 10 weeks.

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 nearly 1000 attendees.

Greater Vancouver Society of Students for Accelerated Integration
Director, Head Media Developer
December 2011 – August 2013
Developed and maintained the website for the GVSSAI, an NPO dedicated to helping new immigrants acclimate to their new surroundings.

Restart! Comic/2P reSTART!
Co-founder, Lead Developer
May 2010 – October 2012
Ran with a team of three others across the United States, this weekly video game webcomic amassed over 125 thousand pageviews, and was nominated for a spot on Kotaku's weekly webcomic feature, Sunday Comics.

EDUCATION

University of British Columbia, Vancouver, BC
Bachelor of Science, Computer Science, Class of 2017 (expected)

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.

SKILLS

Programming Languages
Java, Python, C#, Racket

Web Development
JavaScript (incl. AngularJS, Node.js, and jQuery), PHP, HTML5, CSS3

Mobile Development
Android and Windows Phone 8

Databases
MySQL, PostgreSQL, MongoDB

Applications
Visual Studio, Eclipse, Sublime Text
Microsoft Office, Adobe Creative Suite (Premiere Pro, After Effects, Illustrator, Photoshop)

Operating Systems
Windows, Mac OS X, Linux

Other
Git, SVN, Bower, Grunt, Yeoman
Mandarin Chinese - Proficient

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.