



Alison R. Wu

Year 3 • Computer Science Major • arwu@alumni.ubc.ca • http://alisonwu.me

TECHNICAL SKILLS

Languages	Java, Type/JavaScript, Ruby/Rails, C, C++, Python, PHP, SQL
CLI	Batch, Bash, Git, Heroku

EDUCATION

University of British Columbia (*Expected May 2020*)

- Bachelor of Science, Computer Science Major
 - Cumulative GPA: 88%
 - Awards: Chancellor's Scholar Award, Dean's Honour List 2015W
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PROJECTS

Wuhubot – CoffeeScript, Hubot, various public APIs (<https://github.com/alisonrwu/wuhubot>) *Aug 2017*

- Scripted todo list, currency conversion, weather and verse querying, and more for personal chatbot
- Incorporated YouTube, Open Exchange Rates, Open Weather, and NET Bible APIs

InsightUBC – TypeScript, Restify, React (<https://insightubc-cs.herokuapp.com/>)

Jan – Apr 2017

- Web app for querying information and scheduling UBC courses and classrooms made in a team of 2
- Implemented recursive filtering logic for handling search, unit testing with Mocha and Chai
- Created frontend UI with React components for browsing and scheduling, styled with Bootstrap

GeoPost (nwHacks2017) – JavaScript, Google Maps API (<https://github.com/alisonrwu/nwhacks2017>) *Mar 2017*

- Mobile feed that geo-caches posts made in a team of 4, [won Best Node.js App using CockroachDB](#)
- Wrote Node.js server with page routing and connection to a CockroachDB cluster
- Implemented a map view of uploaded posts with JQuery and Google Maps API

PaperCut (BC Game Jam 2017) – Lua, Love2D (<https://github.com/alisonrwu/bc-game-jam>)

Feb 2017

- Prototyped a dimensional cutting game in a team of 3, [won Volunteers' Pick – First Place](#)
 - Learned Lua, setup Love2D structure and coded scoring system and shape rendering
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WORK EXPERIENCE

Junior Software Engineer (*Tasktop Technologies*)

May 2017 – Present

- Analyze and fix various defects like cache issues and refactoring classes to enable new functionality
- Testing at unit and integration levels with Selenium, JUnit, Karma and Jasmine

IMIT Project Assistant (*BC Children's Hospital Research Institute*)

Sep 2016 – Apr 2017

- Revamped internal support page to a centralized, one component app with Knockout.js
- Parsed and rendered XML RSS feeds using asynchronous promises and jQuery

Undergraduate Teaching Assistant (*UBC Dept. of Computer Science*)

CPSC213 – Introduction to Computer Systems

Jan – Apr 2017

CPSC110 – Computation, Programs, and Programming

May – Dec 2016

- Administered labs, explained concepts like recursion, tree/graph traversal, threading, and mutexes
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VOLUNTEER EXPERIENCE

Backend Web Developer (<https://www.changenuity.com/>)

Nov 2016 – Present

- Plan, develop and maintain a website using Ruby on Rails, PostgreSQL, and hosted on Heroku

HTML Workshop Czar (*GIRLsmarts4tech*)

Nov 2015 – Feb 2016

- Coordinated, planned, and directed HTML workshop with event leaders and team of 10