



Alison R. Wu

Year 3, Computer Science Major

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TECHNICAL SKILLS

Languages	Java, C, C++, Type/JavaScript, Ruby/Rails, Python, PHP, SQL
Other	Git, Windows, Linux

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

InsightUBC – TypeScript, Node.js, 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 – JavaScript, Node.js, Google Maps API (<https://github.com/alisonrwu/nwhacks2017>) Mar 2017

- Mobile feed that geo-caches posts made at nwHacks 2017 in a team of 4, and [won a sponsor prize](#)
- 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 – Lua, Love2D (<https://github.com/alisonrwu/bc-game-jam>) Feb 2017

- Prototyped a dimensional cutting game at BC Game Jam 2017 in a team of 3, [won Volunteers' Pick](#)
 - 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 support page to a centralized, one component app with Knockout.js
- Parsed and displayed 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

- Explained concepts like recursion, graph traversal, threading, and mutexes to students
 - Administered labs, supervised forum, invigilated and graded exams
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VOLUNTEER EXPERIENCE

Backend Web Developer (<https://www.changenuity.com/>) Nov 2016 – Present

- Develop and maintain a website using Ruby on Rails and hosted on Heroku
- Engaging and contributing to organization goals during weekly meetings

HTML Workshop Czar (GIRLsmarts4tech) Nov 2015 – Feb 2016

- Coordinated with event leaders and led team of 10 to plan presentation and activity
- Directed meetings and day-of HTML workshop with 60 elementary girls