Mandy Chen

307-6090 Iona Drive, Vancouver, BC, V6T 0B6, Canada • Willing to relocate in May 2018
(604) 720-9386 • mandychen@alumni.ubc.ca
github.com/42mandychen • www.linkedin.com/in/42mandychen • mandychen.me

Technical Skills

Languages   ordered by decreasing proficiency
JavaScript, TypeScript, Java, SQL, HTML, CSS, C, C++, Racket, Liquid.

Frameworks
Node, React, Bootstrap, Restify.

Tools
Git, Bash, npm, yarn, babel, Atom, jUnit, Mocha, IntelliJ, Genymotion.

Education

The University of British Columbia (UBC)   Sep 2015 – Apr 2018 (Expected)
Vancouver, BC, Canada
- Bachelor of Science, Major Computer Science. Cumulative GPA 3.9/4.0, Computer Science GPA 4.0/4.0.
- Received Trek Excellence Scholarship for Continuing Students (top 10%) in 2016.
- Undergraduate representative for the Committee for Outreach, Diversity and Equity.

Projects

dsa.js – Data Structures (JavaScript, babel)   Aug 2017 - Present
- Implemented data structures (max heap, priority queue, etc.) in ES6+ syntax and compiled with babel. https://github.com/42mandychen/dsa.js

Giveaway Picker – Web App (React, JavaScript, HTML, CSS)   June 2017 - July 2017
- Developed a web app that randomly selects winners from people who liked given Instagram posts with client-side authentication integration and a routing system and hosted on GitHub Pages. https://github.com/42mandychen/giveawaypicker

Sweet Bunny – Game (JavaScript, Processing, HTML, CSS)   Jan 2015 - July 2017
- Created a game and embedded on website. https://www.mandychen.me/sweetbunny/

AirBC – Web App (PHP, SQL, Twig, HTML, CSS, jQuery)   Jan 2017 - Apr 2017
- Built an airline system that allows users to view information, log in, book tickets, manage the database, and view summary data reports. https://github.com/RhysBower/AirBC
- Implemented Aircraft, Route, and Flight pages using queries in SQL to fetch data and displayed results with robust type-checking and error-handling.

InsightUBC – Web App (TypeScript, Node.js, React, HTML, CSS)   Jan 2017 - Apr 2017
- Deployed a web app that allows users to query information about UBC course offerings and classrooms, view results, and schedule courses into available rooms in a team of two and hosted on Heroku. https://insightubc-cs.herokuapp.com/
- Completed RESTful endpoints using Restify and finished a course information exploration page with React.

Work Experience

GIRLsmarts4tech Coordinator   Apr 2016 – Present
UBC Department of Computer Science, Vancouver, Canada
- Recruited, trained, and managed 70+ volunteers through advertising and hosting meetings.
- Updated, designed, and organized workshops to teach 140+ Grade 6 and 7 girls about HTML and CSS basics, HCI, programming, 3D printing, and hardware.

Undergraduate Teaching Assistant   May 2016 – Apr 2017
UBC Department of Computer Science, Vancouver, Canada
- Taught CPSC110 (Computation, Programs, and Programming) for three consecutive terms.
- Guided 100+ students to solve programming problems by helping them gain a deeper understanding of functional programming in Racket and systematic program design.