

Mandy Chen

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github.com/42mandychen | www.linkedin.com/in/42mandychen

Technical Skills

JavaScript, TypeScript, Java, HTML/CSS, SQL, C/C++, PHP, Bash.

Education

The University of British Columbia (UBC)

Sep 2015 – May 2018 (Expected)

Vancouver, BC, Canada

- Bachelor of Science, Major Computer Science, Cumulative GPA 3.9/4.0, Computer Science GPA 4.0/4.0.

Projects

Giveaway Picker – Web App (React, JavaScript, HTML/CSS, Bootstrap)

Jun 2017 - Present

- Developing individually a web app that randomly selects winners from people who liked given Instagram posts with authentication integration and a routing system.
- Code: github.com/42mandychen/giveawaypicker, Website: mandychen.me/giveawaypicker.

Personal Portfolio – Website (HTML/CSS, Liquid)

Jan 2017 - Present

- Designed, coded from scratch a fully responsive portfolio website, and hosted on GitHub Pages with Jekyll.
- Code: github.com/42mandychen/42mandychen.github.io, Website: mandychen.me.

Sweet Bunny – Game (JavaScript, Processing, HTML/CSS)

Jan 2015 - Jul 2017

- Recreated using JavaScript a personal Processing game written in 2015.
- Code: github.com/42mandychen/sweetbunny, Website: mandychen.me/sweetbunny.

AirBC – Web App (PHP, SQL, Twig, HTML/CSS, jQuery)

Jan 2017 – Apr 2017

- Built an airline system that allows public to view information, customers to log in and book tickets, and staff to manage the database and view summary data reports in a team of four.
- Implemented Aircraft, Route, and Flight pages using queries in SQL from database and displayed results with robust type-checking and error-handling using PHP, Twig, HTML, CSS, and jQuery.
- Code: github.com/RhysBower/AirBC.

InsightUBC – Web App (TypeScript, Node.js, React, JavaScript, 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.
- Built data models to parse, process, and cache data in TypeScript, and completed RESTful endpoints adaption with Restify APIs.
- Website: insightubc-cs.herokuapp.com.

Work Experience

GIRLsmarts4tech Coordinator (UBC Dept. of Computer Science)

Apr 2016 – Present

- Recruited and managed 70+ volunteers through advertising and hosting meetings.
- Updated, designed, and organized workshops to teach 140+ Grade 6 and 7 girls about HTML/CSS basics, HCI, programming using Microsoft Touch Develop, 3D printing, and hardware.

Undergraduate Teaching Assistant (UBC Dept. of Computer Science)

May 2016 – Apr 2017

- 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 programming design.

Full Resume in Markdown: mandychen.me/resume