

# Chin-An Wu

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## **Technical Skills**

*Backend development:* Java, PHP, Go, Jenkins, AWS, Docker, Guice, MongoDB, SQL\*Plus

*Frontend development:* Javascript, React, Redux, Jest

## **Work Experience**

### **Software Developer Co-op, Bluecat Networks**

*Jan 2019 - Dec 2019*

- Contributed on product with microservice architectural design.
- Implemented ability to deploy systemd microservices as docker swarm services.
- Developed React component library and utilized it to make a user interface.
- Produced multiple levels of testing, including functional, unit testing, integration testing, system regressions, and automated user acceptance tests.

*Backend technologies:* Java, AWS, Docker, Jenkins, Cucumber, Guice

*Frontend technologies:* Javascript, React, Redux, Node, Jest

### **Backend Developer Intern, Chefs Plate**

*Jan 2018 - Aug 2018*

- Increased efficiency of weekly tasks by implementing a shipment creation service and a feature that exported all necessary data from the database for carrier communications.
- Improved customer experience by creating and building upon existing endpoints for frequent tasks.
- Wrote MongoDB queries to find suspicious accounts for business reports, and to migrate data for new features.
- Worked in an agile development environment with three other developers, meeting up daily for scrum meetings and code reviews.

*Technologies:* PHP, MongoDB, Laravel, Composer, XDebug, Postman

## **Projects**

### **Delta**

*Nov 2019 - Present*

- Developed and designed a web app word game that allows for users to join a server room where they can compete to find a solution.
- Implemented API for creating and editing games.
- Utilized socket io to create chat rooms and allow for multiplayer mode.

*Technologies:* Javascript, React, Redux, Express, Passport, Socket.IO, Jest, Webpack, Babel

### **Dragons 'N Dungeons**

*Sept 2019 - Present*

- Programmed a responsive and accessible Dungeons and Dragons (D&D) web app that acts as a dynamic and user-friendly character sheet for D&D players.
- Created automatic update system so users can easily alter one field of the character sheet and ensure that that change will be reflected in other related fields.

*Technologies:* Javascript, React, Redux, Jest, Webpack, Babel

## **Education**

**Bachelor of Commerce**, *University of British Columbia*  
Combined Degree in Business and Computer Science

*Sept 2014 - May 2020*