

JIN CHANG

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EDUCATION

University of Washington Seattle, WA | June 2019

B.A, Geographical Information Systems, Informatics Minor

Relevant Coursework: *Computer Science: Java I & II, Database Structures and Algorithms, Software Architecture, Cooperative Software Development, Client-Side Web Development, Design Thinking, Introduction to Database Programming, Data Science Methods, Coastal GIS*

RELEVANT EXPERIENCE

Web Developer, *Statewide Poverty Action Network*

Seattle, WA | April 2019 – July 2019

- Developed a web map application using VueJS, NodeJS, HTML, and CSS
- Initiated and integrated the force load event into the splash page to load automatically in 30 seconds
- Developed an automated web scraper with Selenium and parsed the data
- Tested and troubleshooted technical issues

PROJECTS

What's Poppin – *SWE Hackathon*

Seattle, WA | April 2019 – Present

- Designed and implemented a web interface to display live popular times from the Places API
- Engineered the user interface so that users can dynamically create a new account or login
- Collaborated and managed code using GIT

IceBreaker – *An application to strengthen relationships between team members*

Seattle, WA | April 2019 – July 2019

- Oversaw development of a new web application game via ReactJS, NodeJS, HTML, and CSS
- Implemented 2 different front-end features where the user can either join an existing game or create a new game
- Pushed app development two weeks ahead of schedule through unit, UI, and integration tests
- Conducted code reviews for each module

Celiac Recipes – *An analysis of celiac recipes and frequently used ingredients*

Seattle, WA | September 2018 – October 2018

- Web Scraped over 150 raw recipes from Celiac.org via Python
- Implemented an algorithm to clean raw data by searching and removing elements
- Analyzed the top 10 ingredients commonly used from over 150 recipes

Search Engine – *Ranks webpages by computing the relative "reputability" of a webpage based on what webpages link to it*

Seattle, WA | April 2018 – May 2018

- Created a dictionary data structure and its associating get, add, remove, and contains methods in Java
- Troubleshooted and addressed algorithmic issues with JUnit testing
- Modified the code to handle more than 100,000 cases under 7 seconds
- Troubleshooted and resolved complex bugs with JUnit testing

TECHNICAL SKILLS

Advanced ●●●●●

Java

Python

HTML

JavaScript

ReactJS

VueJS

R

CSS

Intermediate ●●●●○

NodeJS

TypeScript

JUnit

Firebase

Beginner ●○○○○

SQL

TOOLS

Advanced ●●●●●

Figma

PowToon

Tableau

QGIS

ArcGIS