

JIN CHANG

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EDUCATION

University of Washington Seattle, WA | June 2019
B.A, Geographic Information Systems (GIS), 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*

EXPERIENCE

Front-End 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
- Utilized an automated web scraper via the Selenium library and parsed the data with Python scripts
- Tested and troubleshooted technical issues

PROJECTS

Front-End Developer - *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 and version control

Front-End Developer - *IceBreaker, University of Washington*
Seattle, WA | April 2019 – July 2019

- Oversaw the development of a new web application via ReactJS, Firebase, 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

Software Developer - *CAD MVC, University of Washington*
Seattle, WA | May 2019

- Developed a computer aided design program where someone can design the architecture of a block house or similar scale via TypeScript
- Dynamically allow users to have different modes of interaction by implementing the MVC and Observer pattern
- Applied the SOLID principle to reduce cohesion and coupling

Software Developer - *Search Engine, University of Washington*
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

TECHNICAL SKILLS

Advanced

Java
Python
HTML
JavaScript
ReactJS
VueJS
R
CSS

Intermediate

NodeJS
TypeScript
JUnit
Firebase
AWS
SQL
Heroku
Version Control (GIT)
Selenium

TOOLS

Advanced

Figma
PowToon
Tableau
QGIS
ArcGIS
Jupyter Notebook