

SOFTWARE ENGINEER – Jane Baik

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SKILLS

Ruby, Python, Java, JavaScript, React, Redux, HTML, CSS, SCSS/SASS, Ruby on Rails, Django, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Wordpress, Wagtail, Photoshop, Illustrator, Bootstrap, Docker

PROJECTS

OkCrossiant (MongoDB, Mongoose, Express, JavaScript, HTML/CSS, SCSS, React, Redux) 2021

E-commerce website where users can have bread suggested for them based on their taste profile

- Built a carousel with Javascript that allows users to see different types of bread selections
- Created a cart system using MongoDB which allows users to add, delete and checkout bread
- Designed frontend templates and implemented those designs with HTML, CSS, SCSS, and Javascript
- Led, organized, and allocated work load to teammates in order to meet one-week deadline and communicated team's progress and bugs/issues daily with the project manager

Zone (JavaScript, HTML/CSS, SCSS, React) 2021

International weather forecast and data visualization app with calming music

- Implemented third-party APIs to gather data based on user's location and local time in order to display the current weather conditions
- Engineered a search-bar using Javascript and HTML/CSS that allows user to search for any cities world-wide in order to receive the weather conditions and local time
- Employed diagrams with Canvas that allow users to see upcoming weather information based on user's desired city
- Designed scrolling feature that updates future forecast which correlates to background imagery

GitLit (Java) 2019

- Created a version control system that supports basic git commands
- Simulated git's tree structure which keeps track of the current and previous commits with additional information
- Serialized files in order to allow users to save content inside the files and restore backup versions of the files

BearsMap (Java) 2019

- Developed back-end database for a web mapping application supports zooming in/out of map and finding the path between two locations
- Implemented a k-d tree and an A-star algorithm to output the user's desired view of the map
- Created an auto complete system based on user's initial input of desired location using a trie data structure

EXPERIENCE

Full Stack Web Developer

Seti Research Center

February 2020 - December 2020

- Built wagtail for dynamic content management instead of previous html/css website
- Implemented templates to improve front-end design and user experience using Bootstrap and HTML/CSS
- Deployed Django application through Google Cloud

Digital Media Manager

Pacific BoyChoir Academy

September 2019 - February 2020

- Implemented website layout/user interface by using Wordpress
- Curated 90% of the advertisement with Adobe Photoshop and Illustrator for upcoming showcases
- Exported monthly documents into HTML webpage on Gradelink

EDUCATION

Web Development - App Academy

February 2020

Immersive software development bootcamp with <3% acceptance rate, which entailed 1000+ hours of coding.

BA Media Studies - University of California, Berkeley

August 2020

Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structure, Foundations of Data Science, Internet and Culture, Marketing, Virtual Communities