KEVIN PARK

(310) 418-3016   kevin.park02@gmail.com   Goleta, California   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, Axios, Ajax, JBuilder, jQuery, Git, Heroku

PROJECTS

Full Stack Project - Dorello   live | github

A Trello-inspired project management website created using React-Redux, Ruby on Rails, and PostgreSQL
- Designed a normalized application state by employing Active Record Associations among the board, list, card, and comment models and by using JBuilder to output all lists, cards, and comments associated to a board
- Applied React-Beautiful-Dnd for a drag and drop feature, and reflected re-ordering of lists and cards made in the frontend to persist in the backend by updating the list and card order arrays with Ajax requests
- Implemented AWS S3 Hosting for users to post, update, and display their profile pictures in React and secured the access to the database by using the Rails encryption pattern to protect the keys and credentials

MERN Stack Project - Melting Pot   live | github

A social media web application collaboratively developed with MongoDB, Express.js, React, and Node.js
- Coordinated with three other team members and used feature branch Git workflow to simultaneously create different features for the application
- Architected the recipe feature by utilizing Axios requests, allowing users to create, read, update, and delete (CRUD) a recipe, and connected the application to MongoDB using mongoose to store all data
- Installed additional API routes with Express.js for the Like model, retrieved all likes associated with a recipe id, and displayed the number of likes on its show page

UC College Town Facts   live | github

A scroller web application with data visualization developed by using JavaScript, AnyChart.js, and Open Weather Map API
- Applied AnyChart.js library to display pie charts to depict the demographic of each UC school
- Programmed the application to track the scrollTop value and used the classList to show correct information for each school
- Incorporated live weather update for each school by calling an asynchronous function to fetch weather information from the Open Weather Map API

EXPERIENCE

Civil Engineer

Stantec   June 2019 - Oct 2020
- Self-taught AutoCAD Civil 3D to design a public park and a stormwater filter within the first 3 months of work
- Reviewed civil plans ranging from 10 to 20 pages, and revised faulty designs for city and/or county officials' approval

Project Engineer

Hultgren-Tillis Engineers   June 2015 - June 2019
- Designed levees, dams, foundations, and landslide repairs, then presented the engineering methods and risk assessment to clients by drafting and submitting approximately 15 reports and letters to be used for construction
- Inspected approximately 20 construction sites, and collaborated with contractors by offering different construction methods and schedules to reduce construction costs up to 10% and bring projects to completion by proposed completion dates

EDUCATION

Web Development - App Academy   Sep 2020 - Jan 2021

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

BS & MS Education - University of California, Berkeley (Civil Engineering & Geotechnical Engineering)   May 2014/15