

JIMMY KUANG

SOFTWARE ENGINEER

jimmy.kuang96@gmail.com [Portfolio](#) [LinkedIn](#) [Github](#)

SKILLS Javascript, Ruby, Ruby on Rails, React, Redux, SQL, Postgres, Git, HTML5, CSS3, MongoDB, Mongoose, Express, Node.js, AJAX, jQuery, AWS, Webpack, Heroku, TypeScript, Tailwind, Bootstrap, RegEx, .Net,

EXPERIENCE

Software Engineer | KeyJam

Dec 2022 - Present

- Actively participated in critical preliminary stages of application development, leveraging cross-functional team collaboration for robust planning and issue prioritization through the use of JIRA, subsequently segmenting extensive epics into manageable tickets
- Engineered a dynamic React component for real-time user password strength validation by employing custom RegEx, enhancing user security by instantaneously informing users about the reliability of their selected password
- Executed a strategic frontend overhaul, transitioning from TailWind to Bootstrap, a decision that significantly boosted efficiency and seamlessly harnessed Bootstrap's intrinsic built in features

Software Engineer Assistant | App Academy

Aug 2022 - Present

- Advise students on coding and debugging practices, improving their communicative approaches, and creating a foundation for students of diverse backgrounds to become Software Engineers
- Conduct language agnostic technical interviews with students in System Design, Data Structures and Algorithms, providing technical and behavioral feedback to improve student interview success rate
- Guide and support students in developing and debugging projects and applications to achieve key benchmarks, escalating to Technical Career Coaches when necessary
- Improved student learning outcomes by developing tech-enabled approaches and incorporating learning science principles into the software development process, contributing to an increase in student content retention by 15%

PROJECTS

Recipistic | React, Redux, Javascript, Rails, Ruby

[live](#) | [github](#)

A full stack single-page web application clone of Epicurious, allowing users to browse and favorite recipes

- Utilized JBuilder views in the Ruby on Rails back end to structure responses as JSON objects, facilitating the creation of a normalized Redux store in the frontend and streamlining data rendering
- Implemented search functionality by leveraging normalized Redux store to dynamically filter recipes based on query string, reducing server load by limiting API requests to the back-end
- Assembled higher order modal component for React by passing props to conditionally render forms, allowing for DRY code

Build-A-Burger | Javascript, HTML, CSS

[live](#) | [github](#)

An interactive game where users cook and send out as many burgers as possible within a time limit

- Constructed graphics using HTML Canvas to deliver an interactive game reminiscent of old flash games
- Engineered events that trigger upon clicking, holding, and releasing the mouse buttons, allowing for click and drag interactivity of the elements within the game
- Designed conditional cases to allow for elements of the game to be placed on any appropriate position, giving a fast paced game that empowers different strategies of play

Pantry Chef | MongoDB, Express, React, NodeJS

[live](#) | [github](#)

A MERN stack web application that suggests community-sourced recipes based on user-provided ingredients

- Moderated over daily standups with other team members to have a plan of action for the day, reorganizing team priorities should there have been any falling behind, increasing team synergy
- Established custom back-end routes using Express to communicate with MongoDB and bring referenced data to the frontend, while allowing for validations to ensure format of data when sent to the back-end
- Developed a menu component in React to render on any page, giving users easy access to their customized pantries whenever

EDUCATION

App Academy Fullstack Software Development Certificate

Jul 2021 - Oct 2021

City College of San Francisco

Aug 2019 - Jun 2021