

Joseph Alfredo

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Portfolio - <https://Bentzkast.github.io>

<https://github.com/Bentzkast>

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A resourceful, dependable, responsible, enthusiastic and active team player in a dynamic work environment. Solve and manage complex challenges to deliver high-quality results. High attention to detail and desire to learn. Love elegant interfaces and writing clean code.

EMPLOYMENT HISTORY AND RELATED EXPERIENCE

Front End Developer, California Polytechnic Undergraduate Research

San Luis Obispo, CA - 2018/02 to Present

Box Model - Web Application - <https://www.calpoly.edu/~jalfredo/>

- Achieved dynamic visual presentation of a university level statistic concept by implementing a single page web application with React and Bootstrap framework.
- Dynamic workflow with collaboration via GitHub and weekly meetings with Professor Dennis L. Sun.
- Designed UI to ensure maximum clarity and minimize user confusion by implementing animation for each step and drop-down interface UI with CSS and Javascript.
- Programmed the state management logic for the application with React framework which works seamlessly with Professor's custom-made histogram code.

PERSONAL & UNIVERSITY PROJECT

Cookery, Personal Project, Seattle WA

San Luis Obispo, CA - 2018/05 to Present

Cookery - A recipe sharing website

- Developed an authentication system by implementing a JSON web token for a session key.
- Implemented posting and sharing system with ajax which allow multiple users to like and comment on each other recipes, post, and message.
- Used API with React-Redux in client side to serve form validation and authentication session.

React Chat Server Project, University Project, San Luis Obispo CA

San Luis Obispo, CA - 2018/02 to 2018/04

Chat Server - Full stack reddit like web application

- Created fully RESTful API backend according to a specified specification, tested by implementing Postman tests to ensure reliability and expected behavior.
- Supports multiple levels of user privileges, admin, and user, with information stored in MySQL database, achieved moderated public channel and private message between used.

EDUCATION

- **B.S. Computer Engineering, California Polytechnic State University, 2018 (Dean List)**
- **A.S. Computer Engineering, Green River Community College, 2015 (Graduated with Honors)**

SKILLS

- Software Language : Java, C#, C, Python
- Web Development : HTML, CSS, SASS, JavaScript, JQuery, Node.JS
- Database : SQL, MYSQL, PostgreSQL, MongoDB
- Tools : Git, Github, Gulp, Webpack, Bash Script
- Testing : Postman, Mocha