

# Joseph Alfredo

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

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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

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### 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

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### Cookery, Personal Project, Seattle WA

*San Luis Obispo, CA - 2018/02 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

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

## SKILLS

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- 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