

ALLEN CHANG (SHENG-YU)

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Portfolio Website: <https://syc-portfolio.herokuapp.com/>

San Diego, CA

Education

SAN DIEGO STATE UNIVERSITY

Bachelor of Science, Computer Science, May 2019

UDEMY ONLINE ACADEMY

Front End, Web development Courses, Nov 2018 - May 2019

Tech Skills

- JavaScript / Semantic HTML5 / Responsive CSS3
- React / React-Redux / React-Hooks
- Node / Webpack / Babel
- Firebase / MongoDB
- Sass / jQuery
- Java / C / C++

Skills

Summary

- Focused on developing website using JavaScript React and Node Express frameworks
- Designed reusable UI components using React library and JavaScript ES6 standard
- Managed application state using React-Redux and React-Hooks
- Integrated server-side Rest API using Node.js and Firebase real time database
- Tested unit using Jest and Enzyme to ensure program integrity
- Built responsive website using JavaScript, jQuery, Html/CSS

Projects

Apr 2019

Expensify - budgets control application

React / Redux / JavaScript / HTML5 / CSS3 / Sass / Firebase / Google Auth

Visit Project: <https://react-project-2.herokuapp.com/>

- Tracked daily expenses using online personal expense application
- Planned and designed right from the conceptualization stage to its implementation
- Integrated individual user authentication through Firebase Google auth module
- Created multiple user interface reusable components
- Utilized client-side routing to create multiple pages
- Applied Firebase real time database for persisting data
- Practiced managing state using React-Redux

Feb 2019

Forkify - recipe search engine application

JavaScript / HTML5 / CSS3 / AJAX / Food2Fork API

Visit Project: <https://js-forkify-project.herokuapp.com/>

- Created and implemented source code using JavaScript ES6
- Maintained search, list, cart functionality using document interface
- Used Food2Fork API for searching recipe data
- Applied AJAX for asynchronous requests

Nov 2018

Chatty - online multiple users chat room application

Node / Express / Socket.IO / JavaScript / HTML5 / CSS3 / Google geolocation API

Visit Project: <https://node-chatty-project.herokuapp.com/>

- Integrated Socket IO for two-way communication between the server and the client
- Created Front End user interface to communicate with the server
- Applied jQuery for DOM manipulation and cross browser compatibility
- Deployed the project on Heroku live server
- Used Google geolocation API for sending location