

Alice (Zifei) Lu

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Portfolio Website: <https://alicezlu.com/> LinkedIn: <https://www.linkedin.com/in/zifei-alice-lu/>

Projects

Portfolio Website (09/2020-Present). A single page responsive web application (with reusable components) to practice my web development skills as well as showcasing my projects and experiences. Got feedback from ~15 people and made more than 2 major updates to improve the website since initial launch.

React.js, JavaScript ES6, CSS 3, HTML 5, Webpack

Burger Builder (09/2020-Present). A responsive web application (with reusable components) that allows authenticated users to build and order a burger by adding/removing ingredients, with an order summary displayed upon checkout and user can proceed to filling out contact data. For mobile support, a toggle side navigation was implemented in place of the desktop supported toolbar.

React.js, Redux, JavaScript ES6, CSS 3, HTML 5, Webpack, Routing, Firebase

Database/Authentication, Axios, Jest/Enzyme (Unit Testing)

Test Plan Approval System (2020). A program that organizes test plan approvals for multiple levels of management by using different algorithms such as Depth First Search (DFS) & Breadth First Search (BFS) for the approval process and finding the shortest paths. *Python*

Education

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

09/2016 – 06/2020

B.S., Computer Science

- **GPA:** 3.71, **Awards:** Honors in Engineering (top 15%)

Programming Languages, Technologies, and Skills

- **Languages:** Python, JavaScript, HTML, CSS, SQL, Java
- **Technologies/Skills:** React.js, Redux, Vue.js, Database Systems (PostgreSQL, Firebase), Performance, Web, Accessibility, Debugging, Unit Testing (Jest, Enzyme), Webpack, NPM, Content Management Systems (CMS), Android Studios, Unix, REST APIs, Axios, Git
- **Other Skills:** Data Structures, Algorithms, Responsive Web Design, Mobile App Development, Computer Systems Design, Data Mining, Project Management

Work Experience

HR GENERALST/STUDENT ASSISTANT

02/2019-PRESENT

UC Santa Cruz Staff Human Resources (SHR), Santa Cruz, CA

- Led and trained a team of 3 students in a project to update web pages by reviewing/editing web page content, understanding policies, and communicating with subject matter experts
- Updated more than 60% of the HR website using the campus Web Content Management System (WCMS), reviewed HTML source codes to ensure consistent styling, and examined ways to improve accessibility such as analyzing site navigation/ design
- Suggested more than 5 design and content recommendations for the COVID-19 informational website workgroup to improve UX by navigating through the site and researching similar sites
- Generated an expense report by writing a Python script, using openpyxl to extract data from several Excel workbooks with over 25,000 data entries/rows and functions to parse data, trace upper hierarchy levels, store data relationships, and sum up expenses