

## Alice (Zifei) Lu

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

### Projects

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**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 user experience since initial launch.

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

**Burger Builder (09/2020-Present).** A single page responsive web application (with reusable components) that allows users to build and order a burger by adding/removing ingredients, with an order summary displayed upon checkout. 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, Axios*

**Social Site (05/2020).** A single page web application that enables authenticated users to create, edit in place, delete, rate (thumbs up/down), and reply to posts listed in an orderly fashion. Got great feedback from more than 5 users upon completion.

*Py4Web web framework, Python, JavaScript, Vue.js, SQL, HTML, CSS*

### Skills/Technologies

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- **Web development skills:** JavaScript (ES6), Python, HTML 5, CSS 3, SQL, Java, React.js, Redux, Vue.js, SaSS Preprocessors, Reusable Components, Responsive Design, Performance, Accessibility, Debugging, Testing, Webpack, NPM, Database Systems (PostgreSQL, Firebase), REST APIs (Http/Axios), Content Management Systems (CMS), Git, Unix
- **Other skills:** Data Structures, Algorithms, Mobile Application Development, Database Systems, Computer Systems Design, Data Mining, Project Management

### Education

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UNIVERSITY OF CALIFORNIA, SANTA CRUZ

09/2016 – 06/2020

B.S., Computer Science

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

### Work Experience

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STUDENT ASSISTANT/HR GENERALST

02/2019-PRESENT

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

- Lead and train 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
- Increased project engagement and productivity by ~50% by implementing a project management tool to keep track of the team's tasks and progresses to better adapt to remote work conditions
- Navigated through the newly deployed COVID-19 website and suggested more than 5 design and content recommendations
- Worked with a student team to resolve over 50 web support tickets tackling problems such as tracking the source of broken links, locating correct links, and removing duplicate web contents