

## Zifei (Alice) Lu

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### Projects

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**Burger Builder (2020)**. Developed a single page web application that allows users to build a burger by adding/removing ingredients. An order summary is displayed upon checkout. For mobile support, a toggle side navigation was implemented in place of the desktop supported toolbar.

*React.js, JavaScript ES6, CSS3, HTML5*

**Social Site (2020)**. Developed 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.

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

**CSA (Chinese Student Association) App (2018)**. Developed an Android mobile application to improve accessibility in student organizations by simplifying ways for students to obtain information about the organization with a simple interface that users could easily navigate. *Android Studios, Java, XML*

### Education

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UNIVERSITY OF CALIFORNIA, SANTA CRUZ

2016 – 2020

B.S., Computer Science

- GPA: 3.71, Awards: Honors in Engineering

### Programming Languages, Technologies, and Skills

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- Python, JavaScript, HTML, CSS, SQL, Java, C, C++
- React.js, Vue.js, Py4Web, PostgreSQL, Content Management Systems (CMS), Android Studios, Unix, REST APIs, MySQL, Git, RapidMiner, LaTeX, Tableau, Slack
- Data Structures, Algorithms, Abstract Data Types, Web Development, Mobile App Development, Database Systems, Computer Systems Design, Data Mining, Project Management

### Work Experience

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STUDENT ASSISTANT

02/2019 – PRESENT

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

**Business Administration, Policy, Projects & Resources (BAPPR) Department** 10/2019 – Present

- Lead and train a team of students in a project to update BAPPR's web pages by reviewing/editing web page content, understanding policies, and communicating with subject matter experts
- Implemented a project management tool to keep track of the team's tasks and progresses to better adapt to remote work conditions
- Identified problems and executed solutions to improve the filing system, such as reorganizing the cabinets to distribute the number of files more evenly in the cabinets to improved accessibility

**HR Business Information Services (HRBIS) Department**

02/2019 – 06/2019

- Updated more than 60% of the HR website using the campus Web Content Management System (WCMS), reviewed HTML source codes, and examined ways to improve accessibility such as implementing alternative text for screen readers and analyzing site navigation
- Scheduled and led meetings with subject matter experts from several departments to provide support for reviewing/updating web contents
- Worked with a student team to resolve over 50 web support tickets tackling problems such as tracking the source of broken links then locating correct links, and removing duplicate web contents