

Zifei (Alice) Lu

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Projects

Burger Builder (2020). Developed a single page web application 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, JavaScript ES6, CSS modules, HTML

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

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

2016 – 2020

B.S., Computer Science

- GPA: 3.71, Awards: Honors in Engineering

Programming Languages, Technologies, and Skills

- 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, Responsive Web Development, Mobile App Development, Database Systems, Computer Systems Design, Data Mining, Project Management

Work Experience

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
- Developed 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 file cabinets to distribute the number of files more evenly in the cabinets to improve 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, analyzing site navigation, etc.
- 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