**Sara H. Hu** 1338 Rossway Court, Los Altos, CA 94024

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LinkedIn: <https://www.linkedin.com/in/sara-hu-12394311b/>

GitHub: <https://github.com/shhu21> | <https://github.com/shu012>

Portfolio: <https://shhu21.github.io/professional-portfolio/>

**Education**

**University of California, Berkeley**

Certificate

*Full Stack Web Development*   *Graduated: October 2020*

**University of California, Riverside**  *GPA: 3.1*

Bourns College of Engineering | Bachelor of Science

*Computer Science with Business Applications*   *Graduated: June 2018*

**Technologies**

**Languages**

C++ | JavaScript | Python | HTML | CSS | JQuery | Swift | Java | XML | MySQL | React.js | Node.js

**Additional Structures**

IOS Mobile Application Development | Android Mobile Application Development | MongoDB | AWS S3 Bucket | Progressive Web Applications

**Projects**

**Garage Collage**

*React.js, AWS, PWA, MongoDB, Stripe|* [*https://github.com/jennifermulder/garage-endeavor*](https://github.com/jennifermulder/garage-endeavor) *|* [*https://garage-collage-2468.herokuapp.com/*](https://garage-collage-2468.herokuapp.com/)

A virtual garage sale e-commerce application, allowing users the capability to purchase and sell used goods.

* Implemented and managed data using Amazon Web Services S3 Bucket to optimize data storage
* Collaborated with other team members to facilitate webpage navigation
* Led team members in technical development to ensure product quality and efficiency

**Wine Blogger**

*Handlebars.js, AWS, mySQL, Sequelize, Express.js|* <https://github.com/anitapeppercorn/wine-blogger> | <https://secure-chamber-23014.herokuapp.com/>

A wine blog that allows users to track their inventory of collected wines, post about their wine, and interact with other wine lovers.

* Utilized various web services to create dynamic website features such as a pop-up modal that allows users to add wine information and preserve user experience across diverse platforms
* Designed and implemented website layout and schemes to improve user experience
* Coordinated with other team members to facilitate code optimization

**Instagram Image Gallery**

*React.js, API |* [*https://github.com/shu012/ig-api-practice*](https://github.com/shu012/ig-api-practice)

Facilitates viewing of an Instagram user’s media

* Created and designed an image gallery using Instagram’s open API to add additional user features to improve user experience
* Implemented a search, so that images may be searched by tag or tagged users
* Generated a filter to allow users to view images based on a user’s uploaded media and liked media

**Experience**

**CampusMate |** *Riverside, California June ‘17 – June ‘18*

*iOS:* [*https://github.com/shu012/UCR-Student-Toolbox*](https://github.com/shu012/UCR-Student-Toolbox) *| Android:* [*https://github.com/TheLuckyOwl/CS180-Project*](https://github.com/TheLuckyOwl/CS180-Project) *|*

*Google Play Store:* [*https://play.google.com/store/apps/details?id=com.mycampusmate.rmate*](https://play.google.com/store/apps/details?id=com.mycampusmate.rmate)

***Co-Founder***

Created Android and IOS mobile applications

* Compiled various valuable web views for facilitated access
* Implemented user interface scaling across multiple devices and screen sizes
* Utilized a Google Maps API to allow students to quickly view the school campus and find their destination
* Created records of key building hours including service buildings and dining in concise dropdown lists
* Generated an auto-dial campus police and campus escort services at the touch of a button
* Simplified coordination between users by allowing users to send class schedules to each other
* Auto-populated and authenticated a user into his/her school portal to avoid repetitive manual authentications

**REDSHIFT Digital |** *San Francisco, California June – August ‘16*

***Front-End Engineer Intern***

* Created and ran tests to check logic and functionality of code to ensure expected performance before branch merges
* Collaborated with other team members to create corresponding code in HTML, React, Javascript, etc. for website page mock-ups
* Connected API’s and mapped raw data into required data formats to create plot.ly maps for data representation
* Fixed code issues, such as adding gradients to specific data points on maps, jump-scrolling on a webpage, etc.

**Centric Digital |** *San Francisco, California June – August ‘15*

***Product and Experience Intern***

* Identified, compiled, and organized market data to identify leading candidates to improved existing products
* Defined target user personas
* Generated and refined research to improve product user experience
* Compiled, presented, and communicated relevant applicable information and distributed them to other related teams
* Created and analyzed conference meeting transcripts to manage product progress

**Associations & Awards**

**Associations:** Association for Computing Machinery (ACM), Cross Campus Entrepreneurs, HKN (IEEE Honor Society)

**Awards:**  Dean’s Honors List, Highlander Excellence Scholarship, Middle Class Scholarship, AP Scholar with Honors