

Sara H. Hu

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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

2018

Graduated: June

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://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>

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/sbu012/UCR-Student-Toolbox> | Android: <https://github.com/TheLuckyOwl/CS180-Project> |
Google Play Store: <https://play.google.com/store/apps/details?id=com.mycampusmate.rmate> |
Apple App Store: <https://apps.apple.com/us/app/rmate/id1418361482>

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