Sara H. Hu

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Education

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

Additional Structures

React | Node.js| Jade | plot.ly | Clojure | IOS/Android Mobile App Development

Experience

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

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

Projects

Instagram Image Gallery

Facilitates viewing of an Instagram user's media

- Connected an Instagram API to an image gallery that is responsive on window resize
- Created a search, so that images may be searched by tag or tagged users
- Generated a filter so that images are displayed based on a user's uploaded media and liked media

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