ROCHELLE SHEN

Computer scientist. User experience and interface designer.

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PROFILE

Dedicated and passionate student seeking ways to apply my experience and skills in the fields of software engineering, product design, and even better having the fusion of the two. Oh, and always ready to take the opportunity to learn!

SKILLS

TECHNICAL:
- Java
- HTML/CSS
- Swift
- Angular.js
- Python
- Javascript
- C
- Node.js
- SQL
- Git
- Meteor

DESIGN:
- Adobe CC
- inVision
- Sketch
- Figma
- Balsamiq

PROJECTS

CalHacks 4.0 Hackathon
OCT 2017
- Augmented reality (AR) application to allow users to express their creativity by drawing & writing in a virtual world created in < 36 hours
- Used GeoFire, Firebase to store real-time data, ARKit, CoreLocation

PriceGuessr Web Application
OCT 2017
- Allows players to guess prices of items and gain points based on accuracy of guess
- Developed on both front end with Angular.js and Python back end using eBay API

iOS App Development
2016 - Present
- Aux - Collaborative music sharing platform allowing users to share playlists without an account (1000+ downloads on app store)
- Checkt - Automatic check in to events based on user's location

Ataxx
OCT 2016
- Developed abstract strategy game played on 7x7 grid with Java
- Added advanced features for players to play against a "computer" using artificial intelligence minimax algorithm

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
AUG 2015 - MAY 2019 (expected)

B.A. in Cognitive Science & Computer Science
Regents' & Chancellor's Scholar (top 2% of incoming class)

Relevant Coursework:
Data Structures/Algorithms, Database Systems*, Discrete Math & Probability, Machine Structures, Data Science, Statistics in Data Science, User Interface Design & Development*, Human Centered Design

EXPERIENCE

Ongo, Software Engineering Intern
JUN 2017 - AUG 2017
- Engineered on all parts of application: promotes healthy lifestyle through data-driven solutions
- Independently owned projects such as - implementing pop up functionality, implementing voice speech-to-text frameworks on iOS

UC Berkeley, Information Security Student Lead
JUN 2016 - PRESENT
- Implemented CalShare automated access form
- Created automated responder to auto fill JIRA
- Use PeopleSoft and Oracle security programs to create access for 400+ campus wide staff
- SQL queries and audits to manage access

Mobile Developers of Berkeley, Mobile Developer
AUG 2016 - PRESENT
- Developed full-fledged mobile apps, implemented high-fidelity mockups, researched user experience, and led team projects
- Utilized Cocoa Pods, Firebase, Sketch, and Git to create elegant, streamlined apps

Regents' Overnight Host Program, Director Team
SEPT 2015 - MAY 2016
- Redesigned and implemented website using HTML/CSS/Javascript to display program information for approx. 370 freshmen
- Led and organized 6 overnight programs for perspective Berkeley students
- Gained 24% in program participation from previous year

HOBBIES

Vlogging | Video Editing | Hiking | Traveling