Allen Fang

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KEY TECHNOLOGIES:

Languages:	JavaScript, Python, Swift, HTML5/CSS3
Libraries/Frameworks:	React, React Native, Redux, Express, Flask, Django
Databases:	mySQL, SQLite, MongoDB

PROJECTS:

React Cards - react-flashcards.allenfang.com
Flash cards used to prepare for phone interview questions for web development positions
- Collaborated remotely using Git and Github for version controls and branching
- Applied the React/Redux cycle to pass data around the application
- Deployed a MongoDB server using Heroku to fetch data using RESTful architecture
Technologies: React, Redux, JavaScript, Bootstrap, Heroku, RESTful routes, MongoDB

House Planner - house-planner.allenfang.com
Online planner which includes contact information, calendar for events, and an announcement board
- Delegated and assigned roles to three other developers with goals and deadlines
- Implemented login/registration along with validation with a Django backend
- Developed database models and relationships using a SQL database
Technologies: Django, mySQL, MaterializeCSS, AWS, HTML, JavaScript

Restaurant Roulette
iOS application used to randomly select a local restaurant to dine at
- Won 1st place at an in-house Coding Dojo iOS Hackathon
- Designed UI using Xcode's storyboard tool
- Performed AJAX calls to fetch information about local restaurants using Google Places API
Technologies: Swift 3, Xcode, AJAX, Google Places API

EDUCATION:
Coding Dojo - Full Stack Web Development Program   June 2017
Dedicated over 1,000 hours on learning three full stacks of web and app development

Bachelor's of Science - Biological Sciences   December 2016
University of California, Santa Barbara
Relevant Coursework: Introduction to Computer Science, Problem Solving I and II (Python and C++)

EXPERIENCE:
Research Assistant, Proulx Laboratory, Santa Barbara, CA   August 2016 - December 2016
- Contributed to a MATLAB application that analyzed fitness landscapes for research in the field of evolution
- Applied self-tough knowledge in computer coding while combining knowledge in evolution