Allen Fang

Sunnyvale, CA   (408) 893-4566

AllenFang08@gmail.com   allenfang.com

github.com/allenfangsb   linkedin.com/in/allenfangsb

KEY TECHNOLOGIES:

Languages: JavaScript, Python, HTML5/CSS3
Libraries/Frameworks: ReactJS, React Native, Redux, Express, Flask, Django

PROJECTS:

Photogenic - photogenic.allenfang.com

A space for photographers to display their photos in a simple yet aesthetically pleasing way.

- Developed a single page application which displays photos with responsive web design in mind
- Demonstrated component based web development through ReactJS
- Made use of Flickr's API to fetch dimensions of photos in the form of JSON to calculate the layout

Technologies: ReactJS, JavaScript, MaterializeCSS, RESTful routes, AWS, Nginx

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: ReactJS, Redux, JavaScript, Bootstrap, Heroku, RESTful routes, MongoDB

House Planner - house-planner.allenfang.com

Online planner which includes contact information, calendar for events, and a message 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, HTML, JavaScript, Nginx, AWS

EDUCATION:

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