Allen Fang

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Independent Web Developer   February 2017 - Present

Developed a number of websites with various frameworks and languages. All projects utilized Git and Github for collaboration and version control.

JobHub - job-hub.herokuapp.com

Developed an online portal for users to organize job searches by centralizing all applications and documents.

- Utilized Mongoose as the ORM for storing and modifying data in a MongoDB, a NoSQL database
- Applied the React/Redux cycle to pass data around the application
- Authenticated users through Google's OAuth 2.0 and Passport.js as middleware between the client and server
- Stored documents uploaded by users into AWS S3 buckets

Photogenic - allenfang.com/about/photogenic

Created 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 understanding of component based web development with ReactJS
- Made use of Flickr's API to fetch dimensions of photos in the form of JSON to calculate the layout

House Planner - allenfang.com/about/house_planner

Designed an online planner which stored 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 Python backend
- Developed database models and relationships using a SQL database

KEY TECHNOLOGIES:

Languages:	JavaScript (ES7), Python, HTML, CSS
Libraries/Frameworks:	ReactJS, Redux, Express, Node.js, Flask, Django
Databases:	MySQL, MongoDB

EDUCATION:

Coding Dojo - Full Stack Web Development Program   July 2017

Dedicated over 1,000 hours on learning three full stacks of web and app development (JavaScript, Python, Swift)

Bachelor 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
- Combined knowledge in both fields of computer science and evolution to optimize analytical tools