

Allen Fang

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Portfolio: allenfang.com | **LinkedIn:** linkedin.com/in/fang-allen | **Github:** github.com/allen-fang

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
- 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
- Demonstrated component based web development through React
- Interacted with 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 announcement board

- Delegated and assigned roles to 3 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

KEY TECHNOLOGIES:

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|------------------------------|---|
| Languages: | JavaScript (ES7), Python, HTML, CSS |
| Libraries/Frameworks: | React, Redux, Express, Node.js, Flask, Django |
| Databases: | PostgreSQL, 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