

# Richard Hong

## Software Engineer

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## Experience

### Hacker-In-Residence

#### Telegraph Academy

Fellowship | San Francisco, California | 3 months

- Lectured and evaluated students on daily algorithm and data structure challenges
- Mentored students on curriculum and instilled self sufficient learning strategies
- Guided outcomes by providing tech prep with mock interviews and pair programming

### Freelance Software Engineer

#### Justice Rising

Contract | Remote | 1 month

- Prepared an Ubuntu, Apache, MySQL, and PHP for installation of OpenEMIS CRM
- Deployed the installation on Amazon Web Services as an EC2 instance
- Initialized OpenEMIS and MySQL for immediate use in schools in the African Congo

### Pharmacist

#### CVS Caremark

Full-time | Berkeley & Fairfield, California | 6 years 8 months

- Achieved top sales targets with over 1000 flu vaccinations per season
- Exceeded expectations with low prescription errors and patient satisfaction
- Committed to accurate quality assurance dispensing over 3000 prescriptions a week
- Fostered pharmacy intern and technician training and continued education

## Projects

### Hacker Habitat

#### [hackerhabitatredux.herokuapp.com](http://hackerhabitatredux.herokuapp.com)

Full stack web app used to search and contact community-generated hacker houses

- Built a responsive web app using React, Redux, Express, Node, and MongoDB
- Integrated Google Maps to geocode and render maps of hacker house locations
- Enabled secure user profiles with authentication for frontend routes and API calls
- Developed an email messaging system using Sendgrid for user communication

### Artisanal

#### [feastlyapp.herokuapp.com](http://feastlyapp.herokuapp.com)

Full stack web app to list and review artisan foods shops and restaurants

- Designed a web app using MongoDB, Express, Angular and Node
- Implemented features for image upload using base64 encoding
- Utilized Google Maps API to geocode and create maps of businesses
- Used Bootstrap to create a visually appealing frontend design

### Feast.ly

#### [artisanalapp.herokuapp.com](http://artisanalapp.herokuapp.com)

Full stack web app designed to help users search for delicious recipes

- Architected a web app using MongoDB, Express, Angular and Node
- Led a team of four developers working in Agile development sprints using Waffle.io
- Enhanced product development and implemented a standardized git workflow

## Education

### Advanced Software Engineering Immersive

#### Telegraph Academy

San Francisco, California | 12 weeks

### Doctor of Pharmacy, Pharm.D.

#### Ferris State University

Big Rapids, Michigan | 4 years

## Skills

2016

### Javascript



ES2015, JQuery, Underscore

### Frontend Frameworks



Angular, React, Redux, Backbone

2016

### Web Servers



Node, Express, RESTful API, Apache

### Databases



MongoDB, MySQL, PostgreSQL

2009 - 2016

### Web Development



HTML5, CSS3, Git, Bootstrap, Heroku, AWS

### Test Driven Development



Mocha, Chai

## About Me

I am a software engineer that is passionate about building applications because I am able to break down a challenging goal into manageable steps.

I believe my applications are reflections of what I am as a software engineer. It starts from a humble beginning and with each iteration become better.

I built a web application called Hacker Habitat that models this idea. It started with a simple interface creating listings for homes and it grew into a full stack application with responsive maps and user messaging.

## Personal

- Enjoying outdoor activities
- Exploring new do-it-yourself projects
- Traveling and experiencing other cultures and cuisines.