

# STEPHANIE FONG

## SOFTWARE ENGINEER

San Francisco, Bay Area

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### PROJECTS

#### **WeGot** - Restaurant Reviews Application

- o Scaled out back-end of a microservices app to achieve 1,750 RPS with 50M+ data entries and reduced latency by 600%
- o Benchmarked MongoDB and MySQL queries to compare SQL vs noSQL performance, identified slow read queries and indexed Mongo
- o Load-tested with Artillery and used New Relic to identify largest attributor to latency
- o Implemented Redis caching to decrease database retrieval time, taking average response-time from 800ms to 60ms

#### **HIIT it!** - Customizable HIIT Workout Application

- o Built a modular React/Redux app with Node and Express that allows users to create fully customizable circuit workouts
- o Added functionality allows users to pull in images and videos from YouTube and Instagram for maximal integrability and compatibility
- o Used Moment to create responsive countdown timer with different phase cycles, configured to the users' exact specifications
- o Leveraged SASS to design intuitive interface & interactive features for enhanced UX and responsive web design

#### **HackBnB** - AirBnB-Style, Lodging Application

- o Designed and deployed with AWS a bookings widget that rendered listing data from AirBnB API
- o Used BrowserStack for cross-browser testing to ensure optimized compatibility across popular user combinations of browser and OS
- o Implemented React server-side rendering to improve SEO and page load times
- o Increased modularity and loose coupling with Docker and Service-Oriented Architecture, SEO

### TECHNICAL SKILLS

#### Strong:

- o Data structures, Algorithms, JavaScript, ES6, Object-oriented programming, React JS, Redux, Node.js, Express, Redis, NPM, GIT
- o Docker, Amazon Web Services AWS, EC2, Distributed Systems, Service-oriented architecture SOA, Artillery.io, New Relic
- o jQuery, HTML, HTTP, CSS, SASS, API's, REST, RESTful, JSON, Babel, Webpack

#### Experienced:

- o Backbone, Angular JS, Relational databases, SQL, NoSQL, MySQL, Sequelize, MongoDB, Mongoose
- o Test Driven Development TDD, Chai, Mocha, Jasmine, Jest, Enzyme, Jenkins, Chrome Developer Console

### EDUCATION

University of California, Davis

June 2015

- o B.S. General Mathematics, B.S. Managerial Economics
- o GPA: 3.88 / 4.00

Hack Reactor, San Francisco

Jan 2018 - April 2018

- o Advanced Software Engineering Immersive Program

### EXPERIENCE

Deloitte Consulting LLP - Project Consultant

July 2015 - Dec 2017

- o Worked with senior leadership on annual planning, utilized historical data and market conditions to determine realistic fiscal targets
- o Built tools and ad-hoc Excel models to forecast revenue streams, billings, profit margins
- o Conducted budget vs. actual analysis for accounts with annual revenue of \$50M+

Sun & Cobalt - Athleisure Apparel Startup - Lead Graphic Designer

Jan 2016 - Aug 2016

- o Created original content including marketing ads, templates, and brochures for various social media platforms with 10K+ followers
- o Conducted market research and analysis on similar brands to deliver effective and relevant content
- o Utilized search engine optimization to implement tactics to increase traffic across all our platforms

### ABOUT ME

- o Fitness-enthusiast, loves weight-lifting, jogging, playing with Photoshop, painting, novels, science fiction, music & concerts, craft beers
- o Languages: Cantonese, Mandarin