STEPHANIE FONG

SOFTWARE ENGINEER

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PROJECTS

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

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

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

EXPERIENCE

Deloitte Consulting LLP - *Project Consultant*   July 2015 – Dec 2017
- Worked with senior leadership on annual planning, utilized historical data and market conditions to determine realistic fiscal targets
- Built tools and ad-hoc Excel models to forecast revenue streams, billings, profit margins
- Conducted budget vs. actual analysis for accounts with annual revenue of $50M+

Sun & Cobalt - Athleisure Apparel Startup - *Lead Graphic Designer*   Jan 2016 – Aug 2016
- Created original content including marketing ads, templates, and brochures for various social media platforms with 10K+ followers
- Conducted market research and analysis on similar brands to deliver effective and relevant content
- Utilized search engine optimization to implement tactics to increase traffic across all our platforms

EDUCATION

University of California, *Davis*   June 2015
- B.S. General Mathematics, B.S. Managerial Economics
- GPA: 3.88 / 4.00

Hack Reactor, San Francisco   Jan 2018 - April 2018
- Advanced Software Engineering Immersive Program

TECHNICAL SKILLS

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

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

ABOUT ME

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