

San Francisco, CA
(858) 335-6594
jessicarahman.com

Jessica Rahman

jesrah@gmail.com
github.com/jesrah
linkedin.com/in/jessicarahman

TECHNICAL SKILLS

Strong: React, Javascript (ES6), Node.js, Express, Git, MongoDB, Mongoose, Webpack, AWS, jQuery, Bootstrap, HTML5, CSS3

Knowledgeable: Redux, AngularJS, Backbone, MySQL, CircleCI, Enzyme, Jest, Mocha, Chai, Docker, Heroku

PROJECTS

Crunchly Co, Software Engineer

A business information platform that aggregates demographic and financial data on tech companies.

MongoDB, Mongoose, Express, Node.js, React, Webpack, Docker, AWS

- Implemented a modular, flex-based front end using Webpack and React.
- Visualized Crunchbase Open API data to simulate 10,000 different tech companies.
- Designed microservice architecture that cooperated through RESTful API calls.
- Integrated microservices through an Express-based proxy server and deployed to Amazon EC2 instance using Docker & Dockerhub.

Apatight, Backend Engineer

A restaurant review platform scaled to handle production-level traffic.

React, Node.js, Express, Webpack, MongoDB, PostgreSQL, New Relic, Redis, Artillery.io, AWS, Docker

- Handled over 10 million data entries of historical and live data to optimize querying and analytics under data load.
- Created tangible system and data analysis metrics through Artillery.io and New Relic.
- Used caching and indexing to improve database query time (5 ms) and minimize latency.

howmanybees, Software Engineer

An interactive data visualization about the importance of bees to food production.

d3, React, Node.js, Express, MongoDB, Mongoose, Webpack, AWS

- Implemented a clustered force layout using the D3.js library. Created custom clustering, collision detection and gravity formulas. Customized an entry transition to minimize distracting movement.

General Assembly SoLA/Hack! Hackathon, 1st Place Winner

2017

Sketch, InDesign, Photoshop

- **Open Door:** An app connecting employers and housing resources to the over 50% of people that are homeless in south central LA that own a smartphone.

UC Berkeley California Water Data Hackathon, 2nd Place Winner

2018

React, Node.js, Express, ArcGIS, Github Pages

- **Dam!:** A website and webmap that allows people to search what dams are near them, as well as when it was last assessed and the level of downstream hazard in case of disaster. Based on open datasets from the CA Office of Water Resources.
-

PROFESSIONAL EXPERIENCE

UCLA, Clinical Research Coordinator | Los Angeles, CA

2016-2018

- Maintained a SQL database that served as the UCLA Cardiovascular Genetics Clinic's main search engine.
 - Wrote and managed Institutional Review Board (IRB) applications for four different clinical studies.
 - Directly managed clinical undergraduate volunteers (10+/year), grew lab team from 2 to 18 people.
-

EDUCATION

Hack Reactor SF, Advanced Software Engineering Immersive

2018

Lund University, Masters in Public Health

2013-2015

UCSD, Bachelors of Science in General Biology

2009-2013