

John Hess

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GitHub: github.com/alookatomorrow

Portfolio: alookatomorrow.github.io

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** Ruby, Rails, JavaScript, ReactJS, jQuery, SQL, PostgreSQL, HTML5, CSS3, Sass, AWS (S3), TDD, RSpec, Capybara, Capybara-webkit, Jasmine, Mocha, Chai, Git, Heroku
- **Exposure:** AngularJS, Node.js, Express, Ember.js, MongoDB, Redis, Socket.IO, Sinatra

>EMPLOYMENT HISTORY

Full-Stack Software Engineer | [Children of Mexico International](#) | **San Francisco, CA** 2016 - Present

- Engineered payment module in Ruby on Rails with Stripe API integration to enable collection of donations and persist donor information in PostgreSQL database.
- Designed responsive UI/UX of entire platform including, color scheme, photo galleries, and navigation using custom Sass and CSS3, ensuring compatibility across 6+ major devices.
- Achieved 100% coverage of codebase following TDD writing 30+ unit and feature tests utilizing RSpec and Capybara-webkit with stubs and mocking to and ensure isolation and dependability of test suite.
- Incorporated form validations using JavaScript and CSS3 to prevent submission of incomplete donation forms.

Full-Stack Engineer, Contract | [WestCoastSkateparks.com](#) | **San Francisco, CA** 2015 - 2016

- Utilized Paperclip in Ruby on Rails and AWS S3 storage to house associated user and skatepark images remotely.
- Instituted user authorization using Facebook API and Google API to allow users to seamlessly signup/signin.
- Created navigation, form validations, alerts, and picture display using JavaScript, HTML5, Sass, and custom CSS.
- Integrated Google Maps API into Ruby on Rails backend to render interactive maps displaying regional markers.
- Architected PostgreSQL DB to store skatepark and user data such as images, ratings, reviews, and favorites.

Pension Estimator | **Northwest Administrators, Daly City, CA** 2011 - 2015

- Communicated fluently in English and Spanish to resolve more than 10 pension related issues daily with highest marks in customer satisfaction and manager approval.

>RECENT PROJECTS

Full-Stack Software Engineer | **FreeCodeCamp** | [live](#) | [code](#) 2016

The most starred repository on Github -- Free Code Camp helps people learn to code and assists nonprofits with engineers.

- Developed 4+ tutorials including descriptions and examples to cement users' understanding of JavaScript OOP.
- Established style guides and worked with team members to ensure cohesion and flow between tutorials.
- Constructed > 12 test assertions using the Chai library along with messages to verify and guide user responses.

Full-Stack Software Engineer | **Music Tree** | [live](#) | [code](#) 2016

Quick reference tool to a library of recorded music enabling users to quickly search and browse entire artist discographies.

- Designed custom API endpoints to enable requests to external Discogs API to retrieve archived music data .
- Efficiently filtered and organized incoming data based on user queries by implementing model methods in Rails.
- Ensured stateful and seamless UI rendering by developing reusable ReactJS components with Material UI.

Full Stack Software Engineer | **RepoRanker** | [live](#) | [code](#) 2015

Given an organization and repository name, RepoRanker lists contributors based on commit history from most to least.

- Built Ruby on Rails module to execute requests to Github API, retrieving repository and contributor information.

>EDUCATION

University of the Pacific, Stockton, CA, B.A. Economics

2015