Christine **Garibian**

San Francisco, California • 94112
E-MAIL christinegaribian@gmail.com

PROJECTS

Nightscapes • **Full Stack** • *Ruby, Rails, React, Redux* Live | GitHub

A single-page web application inspired by 500px and designed for astrophotographers

- Leveraged React/Flux architecture to provide information on demand without load-time
- Selectively engineered frontend data store to minimize AJAX requests

Soundwaves • **Frontend** • *JavaScript, Canvas, HTML5* Live | GitHub

Virtual synthesizer and sample player with real-time audio visualizer

- Optimized efficiency 40x by leveraging event delegation
- Converted audio frequency and wavelength data to animated Canvas visualizations

LegislateMe • **Full Stack** • *React Native, Python* Live | GitHub

Mobile application for easily staying up to date with local politics and contacting representatives

- Built custom scraper and classifier in Python to categorize bills
- Identified user's local representatives by routing their address through Google Maps and Open States APIs
- Designed and implemented interactive elements to increase user engagement

SKILLS

Ruby **Rails** **JavaScript** **jQuery** **React.js** **R** **React Native**
Redux **SQL** **RSpec** **HTML5** **CSS** **Git** **AJAX**

EXPERIENCE

Data Science Intern • *Monja* *2015-2016 • San Francisco, CA*

- Used R to build, test, visualize, and present a survival analysis model of Lending Club data that explored and predicted time-dependent trends in populations who prepaid or defaulted on personal loans

Marketing, Analytics & Research • *Fruit Street Health* *2014 - 2015 • Richmond, CA*

- Introduced a new data-extraction tool that streamlined our lead-gathering process by 70%
- Analyzed data to visualize and communicate effectiveness of marketing and outreach campaigns

Executive Assistant • *Topline Incubator* *2014 - 2015 • Richmond, CA*

- Designed new company website with a seamless UI, increasing marketing traction by 20%

EDUCATION

App Academy *2017 • San Francisco, CA*

- Intensive full-stack web development course (< 3% acceptance rate)

University of California, Berkeley *2010-2014 • Berkeley, CA*

- B.A. Applied Mathematics, Biomathematics Concentration, 3.58 Major GPA
- Curriculum Highlights: Data Structures, Computational Models of Cognition, Intro to Computer Programming, Discrete Mathematics, Differential Equations, Calculus I-IV, Linear Algebra, Probability

Summer Institute for Training in Biostatistics *2013 • Raleigh, NC*

- Used R to conduct and present research on public health data from Duke University to compare the effects of Aspirin and Sibrafiban in patients with Acute Coronary Syndrome