

Christine Garibian

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EDUCATION

App Academy

2017 • San Francisco, CA

- Intensive full-stack software engineering program (< 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 Sildenafil in patients with Acute Coronary Syndrome

SKILLS

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

PROJECTS

LegislateMe • Full Stack • React Native, Python

[Live](#) | [GitHub](#)

Mobile application for following local bills and contacting representatives

- Classified bills by matching keywords against the bill descriptions scraped using BeautifulSoup
- Used React Native Communications to allow users to send pre-written emails or call their representatives
- Designed and implemented user experience flow

Synthwave • Frontend • JavaScript, Canvas, HTML5

[Live](#) | [GitHub](#)

Virtual synthesizer and sample player with real-time audio visualizer

- Optimized efficiency 40x by leveraging event delegation
- Used HTML5 Audio API to create sound and transform audio data to animated Canvas visualizations

Nightscapes • Full Stack • Ruby, Rails, React, Redux

[Live](#) | [GitHub](#)

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

- Implemented responsive design to optimize user experience for narrow browsers, tablets, and mobile devices
- Designed RESTful JSON API
- Selectively engineered frontend data store to minimize AJAX requests

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%