

PHILLIP MAYER

SOFTWARE ENGINEER FROM BROOKLYN, NY

phillipmmayer@gmail.com

[LinkedIn](#) | [GitHub](#) | [AngelList](#)

(520) 982-2236

SELECTED PROJECTS

HellYesCupid (Ruby on Rails, React, Redux)

[Live](#) | [Github](#)

A single-page web app that emulates the beloved dating site OkCupid.

- Calculated geometric averages of user question responses, producing meaningful matches
- Incorporated AWS S3 with Paperclip and Figaro to facilitate smooth photo uploads
- Harnessed Geokit and Airbnb's Rheostat to provide for fast filtering of matches by distance

Guitar Gyro (JavaScript)

[Live](#) | [Github](#)

A browser game where the player attempts to "play" notes of the melody at the right time.

- Built algorithm to sync any melody at any tempo by mapping note values to milliseconds and having notes recursively call subsequent notes
- Optimized the speed at which notes can be played by dynamically adding and removing canvas elements on user input
- Refactored animations with promises to escape "callback hell," bolstering code readability

NOTABLE SKILLS

JavaScript	React	Redux	Ruby	Ruby on Rails
SQL	CSS3	HTML5	Git	RSpec

RECENT WORK EXPERIENCE

Head of Content, Peatix, Inc · June 2013 – December 2015 · New York, NY

- Authored [Quora posts](#) garnering 50,000 views, the no. 1 source of inbound leads
- Worked closely with engineering in Pivotal Tracker to document and resolve bugs
- Segmented and wrote all newsletters, analyzing reader trends to adjust content

Freelance Copy Consultant · May 2016 – December 2016 · New York, NY

- Consulted with early stage tech startups to help define an idiosyncratic brand voice

EDUCATION

Stanford University (2006 - 2010)

- B.A. Music; double concentration in Theory & History and Composition; GPA: 3.7
- *Additional Coursework:* Computer Science (Java, C++)

App Academy (2017)

- 1000-hour full-stack software development course
- Emphasizes TDD, algorithms, single-page apps, clean code, and pair programming