

PHILLIP MAYER

SOFTWARE ENGINEER FROM BROOKLYN, NY

phillipmmayer@gmail.com
[LinkedIn](#) | [GitHub](#) | [AngelList](#)
(520) 982-2236

PROJECTS

HellYesCupid (Ruby on Rails, React, Redux)

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

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

- Built an editable question and answer form with React, using the responses to calculate geometric averages in order to produce meaningful matches
- Employed AWS S3 with Paperclip and Figaro to aid with smooth and scalable image uploads
- Harnessed Geokit and Airbnb's Rheostat to provide for fast filtering of matches by distance

Guitar Gyro (JavaScript, EaselJS)

[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
- Refactored animations with promises to escape "callback hell," bolstering code readability

Hyperactive Record (Ruby, SQL)

[Github](#)

A lightweight version of Active Record.

- Metaprogrammed `belongs_to` and `has_many` methods for creating associations between tables, using default class and foreign key names to expedite setup

NOTABLE SKILLS

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

SELECTED 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

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 (2016 - 2017)

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