

# PHILLIP MAYER

## SOFTWARE ENGINEER

BROOKLYN, NY

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

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### 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 implement an algorithm that produces meaningful matches based on geometric averages of responses
- Employed AWS S3 with Paperclip to aid with scalable and reliable image storage
- Harnessed Geokit and Airbnb's Rheostat to allow users to find dates by distance

#### **Guitar Gyro (JavaScript, EaselJS)**

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

*A musical gastronomical adventure built with EaselJS, TweenJS and SoundJS.*

- Built algorithm to sync any melody at any tempo by mapping audible note values to milliseconds and recursively calling notes to sync up aural and visual elements
- Rewrote animations with promises, resulting in more readable/maintainable code

#### **Hyperactive Record (Ruby, SQL)**

[Github](#)

*A lightweight version of Rails' ActiveRecord.*

- Metaprogrammed `belongs_to` and `has_many` methods for creating associations between database 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**

- Worked closely with engineering in Pivotal Tracker to document and resolve bugs
- Tracked user feedback for use in product discussions with technical and executive teams
- Authored [Quora posts](#) garnering over 50,000 views, the no. 1 source of inbound leads

### EDUCATION

#### **Stanford University (2006 - 2010)**

- B.A. Music; double concentration in Theory & History and Composition; GPA: 3.7
- *Other Coursework:* Programming Abstractions (C++), Programming Methodology (Java)

#### **App Academy (2016 - 2017)**

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