PHILLIP MAYER
SOFTWARE ENGINEER
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LinkedIn | **GitHub** | **Portfolio**
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NOTABLE SKILLS

JavaScript	React/Redux	Ruby on Rails	RSpec/Jest
PostgreSQL	CSS3	HTML5	Git

PROJECTS

HellYesCupid (Ruby on Rails, React, AWS)   Live | Github

A single-page web app that emulates the beloved dating site OkCupid.
 • Built an editable question and answer form with React, then used the data 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

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 (2017)
 • 1000-hour full-stack software development course
 • Emphasizes TDD, algorithms, single-page apps, clean code, and pair programming