PATRICK G. LI

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Github · Website · LinkedIn

Projects

Songsnap   Live · Github

Music app concept with Soundcloud authentication
- HTML5 video capture combined with Microsoft emotion API quantifies facial emotion.
- Soundcloud API filters and returns a track from user's Soundcloud favorites and playlists

Lyfecoach   Live · Github

Full-stack social media platform inspired by EventBrite
- Interfaced with Google geocoding API and included query filtering for specific event browsing.
- Implemented custom authentication using BCrypt hashing.
- Utilized nested associations and single page implementation for a rich user experience.

'Sad Machine'   Live · Github

Musically entrancing JavaScript game using HTML5's Canvas
- Implemented a converted polar coordinate system from Canvas' inverted Cartesian coordinate system

ORM - ActiveRecord   Github

Experimental ActiveRecord implementation
- Reconstructed ActiveRecord as a means of practicing Ruby metaprogramming

Skills

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Flux, HTML, CSS, SQL, git

Education

App Academy   **October 2015 - February 2016**

1000-hour full-stack web development course with
a < 5% acceptance rate.

University of California at Los Angeles   **December 2013**

B.S., Mechanical Engineering

Experience

Dance Choreographer and Teacher   **June 2013 - August 2015**

- Taught choreography classes in the US, China, Sweden, and Russia
- Two time World of Dance champion, America's Got Talent Season 10