



KATE RUGGERI

PROJECTS

Pin (Rails, React, PostgreSQL, AWS)

<http://www.p-i-n.design/>

<https://github.com/kruggeri/Pin>

- Built a full stack web application inspired by Pinterest. Designed to mimic clean look and feel of an artist's portfolio.
- Stored image uploads in the cloud using AWS, reducing server load and allowing app to scale gracefully
- Implemented front/back end user authentication, including session management and password hashing

Amoeba (JavaScript, Canvas)

<http://www.amoeba.fun/>

<https://github.com/kruggeri/Amoeba>

- Amoeba is a fun color matching game of perception created using JavaScript and Canvas.
- Implemented Distinct Colors Library to generate randomized color palettes within specified hue ranges. Modeled collision detection and integrated various physics to depict amoeba-like movements.

DOMino (<https://github.com/kruggeri/DOMino>)

- JavaScript DOM interaction library inspired by jQuery.
- Users can select, manipulate, and traverse DOM elements, register callbacks once DOM is fully loaded, and create new DOMNodeCollection objects from HTML elements and strings

EXPERIENCE

Video Editor to Anna Craycroft, Aug-Dec 2016

- Provided video editing services and prepared work for solo exhibition at The Institute of Contemporary Art, Boston.
- Used Adobe suite, Final Cut Pro, and Audacity to complete video production, as well as photographed documentary materials for museum's archive.

Teaching Assistant, Yale University, Aug 2015- May '16

- Taught undergraduates of Yale College in Abstract Painting/Beginning Drawing

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EDUCATION

App Academy, Full Stack Development, July 2017

- Rigorous 1000-hour full stack web development bootcamp with < 3% acceptance rate
- Studied object oriented programming in Ruby and modern full stack web development

Yale University, MFA in Painting, May 2016

School of the Art Institute of Chicago, BFA, May 2010

SKILLS

Ruby
JavaScript
React/Redux
SQL
Rails
jQuery
Git
HTML
CSS
AWS
RSpec
Capybara
Adobe Creative Suite