

Projects

FlashyCards (JavaScript, Ruby, Rails, React, SQL)

[LIVE](#) || [GIT](#)

Single-page Flash Card Web App Inspired By Brainscape Where Users Create and Study Decks

- ♦ Designed progress bars that track the user's progress and updates in real-time by manipulating CSS through JavaScript functions that are called when components change
- ♦ Programmed efficient search functionality that returns detailed information on subjects fetched from the database through the use of a single SQL query
- ♦ Built an intricate home page that allows users to manage subscribed subjects by leveraging React's lifecycle methods to automatically display any changes made to their catalog
- ♦ Arranged multiple AJAX requests to the backend that occur in unison so that users can edit a deck by creating, updating, or deleting cards through a page listing all it's contents

FunkyDancer (JavaScript)

[LIVE](#) || [GIT](#)

JS Music Rhythm Game Simulating Dance Moves With Multiple Songs and Score Tracking

- ♦ Devised a method to scroll music notes on the screen in sync with the current song time by calculating the necessary delay between their initial render and moment played
- ♦ Created a responsive user interface by triggering functions that flash images and play sounds depending on whether the user reaches a streak or hits an incorrect note

FlippyData (Ruby)

[GIT](#)

ORM That Queries a Database Through Class Associations

- ♦ Allow for easy database manipulation through class methods that fetch data and create table associations

Experience

Wexler Associates

New York City

Project Engineer

Aug. 2015 - Aug. 2016

- ♦ Solved engineering challenges by using design software and illustrating building methods with the use of autoCAD
- ♦ Oversaw the completion of multiple housing projects by coordinating structural plans with architects, construction managers, and clients

Skills

- | | |
|-----------------|-----------|
| ♦ JavaScript | ♦ CSS3 |
| ♦ Ruby | ♦ HTML5 |
| ♦ Ruby on Rails | ♦ SQL |
| ♦ React.js | ♦ Git |
| ♦ Flux(Redux) | ♦ RSpec |
| ♦ JQuery | ♦ Webpack |

Education

App Academy

Web Application Development 2017

Rutgers University

B.S. Civil and Environmental Engineering
2015

