BRENO PAIVA

SOFTWARE DEVELOPER

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Passionate about programming and technological innovations. Seeking opportunities to work in the front-end development of exciting projects and to collaborate with a dedicated team that values communication and creativity.

Skills

◊ JavaScript
◊ Ruby
◊ Ruby on Rails
◊ React.js
◊ Flux(Redux)
◊ JQuery
◊ CSS3
◊ HTML5
◊ SQL
◊ Git
◊ RSpec
◊ Webpack
◊ AWS

Projects

FlashyCards (JavaScript, Ruby, Rails, React, SQL)
Single-page Flash Card Web Application Inspired By Brainscape

- Designed progress bars that update in real-time by manipulating CSS through JavaScript functions that are triggered when React components update
- Programmed search functionality that sorts through subjects and displays detailed information fetched from minimum SQL queries
- Arranged synchronous AJAX requests in order to simultaneously update, delete, and create cards through a single form
- Built a user home page that displays extensive information and updates seamlessly through the use of React's lifecycle methods

FunkyDancer (JavaScript)
JS Music Rhythm Game Simulating Dance Moves

- Devised a method to scroll notes on the screen in sync with the current song time by calculating the necessary delay in their render
- Built a responsive user interface by triggering functions that render images and sounds when the user reaches a streak or hits an incorrect note

FlippyData (Ruby)
ORM That Queries a Database Through Class Associations

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

Education

App Academy
Web Application Development 2017
Full Time program with emphasis on pair programming and an acceptance rate less than 3%

Rutgers University
B.S. Civil and Environmental Engineering 2015
Major GPA: 3.72

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 and clients