

JONATHAN FISH

SOFTWARE DEVELOPER

Contact

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Programming Skills

Ruby

Ruby on Rails

JavaScript

React

Flux(Redux)

SQL

RSpec

jQuery

HTML5

CSS3

Git

Projects

UNDULATUS ASPERATUS

Live Page | GitHub

Single-page web application for music sharing with a React/Redux Frontend and a Ruby on Rails backend. Inspired by SoundCloud's UX

- User accounts with ability to upload, view, update and delete audio files
- Audio player with responsive custom controls tied into the Redux state to remain in sync with other components.

HYPERDRIVE

Live Page | GitHub

Top down space shooter built with JavaScript and Canvas

- Uses a pair of layered canvas tags to achieve a scrolling background
- Animated sprites, including a rotational movement achieved by saving, translating and restoring the canvas
- Image and audio files handled in a way that increases efficiency when running in the browser

DOMPLER

Live Page | GitHub

DOM manipulation program designed to emulate the core functions of jQuery

- Able to handle all ajax requests and promises
- Uses a custom wrapper, \$I, to convert elements to DOM collections

Education

App Academy || 2018

- 1000-hour immersive full-stack web development intensive with <3% acceptance rate
- Topics included: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

University of Florida || 2007-2011

- B.A. Political Science

Work Experience

iMater Academy || Chemistry Teacher || 2014 -2016

- Worked with my department to improve scores in state testing for sciences by 18% for 9th, 10th and 11th graders.
- Responsible for creating the chemistry curriculum in a new Title 1 school.