

Ethan Flood

[Github](#) [LinkedIn](#)

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SKILLS

React.js, Ruby on Rails, Ruby, JavaScript, jQuery, Redux, SQL, Git, HTML5, CSS3

PROJECTS

Spottieottiedopalisciousify

[Live Site](#) | [Github](#)

Responsive single page web-app inspired by Spotify, built with React, Ruby on Rails, PostgreSQL, and Redux.

- Audio files implemented with AWS and Active Storage receiving relevant information about songs and playlists from Rails JSON API backend.
- Implemented custom styled HTML5 audio player to pause, play, fast forward, and rewind songs in a queue managed via React and the Redux store.
- User authentication on front and backend protects playlist CRUD operations from unauthorized users and allows users to manage their own playlists.

Get a Job in Space

[Live Site](#) | [Github](#)

Endless runner game implemented using HTML5 and JavaScript and Canvas.

- Simple physics system and bounding box collision detection between objects implemented with JavaScript and Canvas utilizing Object Oriented Programming.
- Utilizes the requestanimationframe shim to render animated sprites that move and collide on the canvas.

Chess

[Github](#)

- Console version of chess implemented with Ruby. Utilizes key mapping and unicode characters to render the game in the console.

EXPERIENCE

Software Engineering Intern - App Academy

October 2018 - Present

- Guiding applicants through technical interviews while assessing algorithmic thinking and providing constructive feedback in Ruby, JavaScript, Java, and Python.
- Pair programmed with prospective candidates assessing abilities and providing constructive criticism and advice.

Online Editorial Content Analyst - Thomas Editorial Network

April 2015 - April 2018

- Implemented and maintained over 300 website proxy tracking programs, implementing tracking code and troubleshooted to ensure exceptional performance.
- Edited product and service information for hundreds of company profiles ensuring accuracy and adherence to editorial policy.

EDUCATION

App Academy

May 2018 - August 2018

- Immersive software development course with focus on full stack web development. 1000 hour intensive program with less than 3% acceptance rate.

Tulane University, New Orleans- BA - English Literature

August 2009 - May 2013