

# Ethan Flood

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

Phone: 201-693-8256 [ethan.flood@gmail.com](mailto:ethan.flood@gmail.com) New York, NY



## 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 - Kyocera Document Solutions

May 2014 - April 2015

- 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