

SUMMER RAIN RIZZO

[\[github\]](#)[\[blog\]](#)[\[website\]](#)

SKILLS

Proficient

JavaScript, React, Redux, HTML/CSS, Ruby, Rails, SQL, postgres

Working Knowledge

Java, Python, Processing, npm, webpack, accessibility, CSS modules

TECHNICAL PROJECTS

In Harmony *An accessibility-forward color palette generator.*[\[source code\]](#) [\[link\]](#)

A color palette tool that guides users in making accessible palettes. Uses the median cut algorithm to quantize colors of user-uploaded images. Accessibility is measured the WCAG guidelines for readability in addition to a custom method to detect blindness vulnerabilities.

Stack : JavaScript+React, Redux, Chroma.js, Lodash, Iro.js, Get-Pixels, Ruby+Rails, B-Crypt, JWT**The Fractal Zone** *An interactive fractal machine.*[\[source code\]](#) [\[link\]](#)

Pair project that draws fractal tree patterns to a canvas based on user parameters. Implemented core functionalities surrounding the fractal machine, which utilizes L-Systems to calculate & draw the patterns in conjunction with JavaScript's implementation of Processing.

Stack : JavaScript+React, p5.js, Ruby+Rails, B-Crypt, JWT**Multi-Viz** *An audio visualizer that can handle multiple sound files at once.*[\[source code\]](#) [\[link\]](#)

Audio visualizer that uses frequency information derived from audio file input and displays it onto a canvas. Uses a custom method to aggregate the frequency data from multiple inputs. Originally built as a feature of a vanilla JS project, which is detailed at bit.ly/2yp2mTW.

Stack : JavaScript+React. Also using the native Web Audio API and HTML5 canvas.

EMPLOYMENT HISTORY

UTexas Extended Campus [IT Dept] -- *Project Management Intern*

2016-2018

- ❑ Allocated & analyzed data from bug reports for weekly and quarterly meetings
- ❑ Utilized the UNIX Command Line to aid in large-scale data transfer
- ❑ Wrote guides detailing software documentation
- ❑ Customized web pages with HTML & CSS

KVRX 91.7 [UTexas] -- *Photography Director*

2016-2018

- ❑ Led the operation & integration of photography into the station

KUT/X 98.9 [NPR] -- *Multimedia Intern*

2017

- ❑ Performed technical & clerical duties related to radio operations and productions
- ❑ Produced & edited media content efficiently to adhere to a quick turnaround schedule

EDUCATION

Flatiron School [Brooklyn, NY]*Software Engineering Bootcamp*

Dec. 2019 - Mar. 2020

[Austin, TX] University of Texas*Radio-Television-Film*

Aug. 2015 - May. 2019