



## Skills

**Proficient:** JavaScript, React, Redux, HTML/CSS, Ruby, Rails, SQL, postgresSQL, Adobe Creative Suite

**Working Knowledge:** Java, Python, Webpack, npm, CSS modules, Processing, accessibility

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## Technical Projects

**In Harmony:** An accessibility forward color palette generator

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. Built with React, Redux, Chroma.js, Lodash, Iro.js, Get-Pixels, Rails, B-Crypt & JWT.

[inharmony.app](http://inharmony.app) || [github.com/Rizz0S/in-harmony](https://github.com/Rizz0S/in-harmony)

**The Fractal Zone:** An interactive fractal machine

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. Built with React, p5.js, Rails, B-Crypt & JWT.

[thefractal.zone](http://thefractal.zone) || [github.com/Rizz0S/the-fractal-zone](https://github.com/Rizz0S/the-fractal-zone)

**The Multi-Viz:** An audio visualizer that can handle multiple file inputs concurrently

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](https://bit.ly/2yp2mTW). Built with React. Also using the native HTML5 canvas & Web Audio API.

[rizz0s.github.io/multi-viz](http://rizz0s.github.io/multi-viz) || [github.com/Rizz0S/multi-viz](https://github.com/Rizz0S/multi-viz)

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## Employment History

**Lead Barista:** Café Medici — 2018-2019 | Paper Coffee — 2019

- Prepared artisan espresso, coffee & tea that was up-to-date with current coffee culture & innovations
- Cultivated a positive environment and meaningful relationships with coworkers & regulars

**Photography Director:** KVRX 91.7FM — 2017-2018

- Led the operation & integration of photography into the station

**IT Project Management Intern:** UTexas Extended Campus — 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

**Multimedia Intern:** KUT/X 98.9FM — 2017

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

**Flatiron School** | Brooklyn, NY

Software Engineering Bootcamp

Dec. 2019 - Mar. 2020

**University of Texas** | Austin, TX

Radio-Television-Film

Attended Aug. 2015 - May. 2019