# Summer Rain Rizzo

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## Skills

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

**Working Knowledge:** Java, Python, TypeScript, Swift, SwiftUI, C/C++, Node.js, Webpack, npm, CSS modules, Processing, accessibility

## 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 || 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 || 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. Built with React. Also using the native HTML5 canvas & Web Audio API.

rizz0s.github.io/multi-viz || github.com/Rizz0S/multi-viz

## Experience

**Open Source Contributor:** p5.js — 2020-present
- Contribute to diagnosis and discourse of raised issues, feature requests, and enhancements on GitHub

**Full Stack Engineer - Contract:** Moment — 2020
- Collaborate with commerce team to implement a design feature that projects to yield higher number of product sales as a part of their "Project-to-Hire" program

**IT Project Management Intern:** UTexas Extended Campus — 2017-2018
- Allocated & analyzed data from bug reports for weekly and quarterly meetings to improve team productivity
- Completed a large-scale data transfer for multiple courses across servers utilizing the UNIX command line
- Wrote guides detailing software documentation to train current employees on freshly implemented software
- Improved readability and user experience on web pages with custom HTML & CSS

## Education

**Flatiron School** | Brooklyn, NY
Software Engineering Bootcamp
Dec. 2019 - Mar. 2020

Curriculum:
Collaborative web development with a Rails/React/postgreSQL stack

**University of Texas** | Austin, TX
Radio-Television-Film
Attended Aug. 2015 - May. 2019

Relevant courses:
CS303 - Elements of Computer Programming
CS312 - Introduction to Programming