Gabriel **McDonald**

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PORTFOLIO www.universalrejection.org

GitHub   **LinkedIn**

Projects

StoneCloud - Music app inspired by SoundCloud   Live | GitHub
Ruby on Rails, Postgres, AWS, React/Redux

- Generates custom waveforms using the wavesurfer JavaScript library and gives them click event listeners, allowing users to navigate tracks.
- Synchronizes play/pause buttons, waveforms and progress bar by appending the track ID to the HTML element ID's.
- Authenticates users using the BCrypt Ruby gem.

Droog - Audio visualizer   Live | GitHub
JavaScript, HTML, CSS

- Generates dynamic waveforms, which can be displayed as either oscilloscopic or concentric waves.
- Uses the HTML5 web audio API to extract frequency data from audio input and passes data to the d3 Javascript library to render waveforms.

DOMController - HTML DOM manipulation library   GitHub

- Allows user to traverse and manipulate HTML elements by various types of selectors.

Skills

Ruby	Java	Lisp	Rails	JavaScript	jQuery	Python
CSS	Flux	SQL	Git	HTML	React.js	Haskell

Education

App Academy - New York, NY (February - May 2017)
Full Stack Web Development Course

Syracuse University - Syracuse, NY (2013 - 2017)
Graduate study in philosophy and linguistics (M.A. anticipated)

University of Notre Dame - Notre Dame, IN (2008 - 2012)
B.A. cum laude in philosophy

Employment

Philosophy Department, Syracuse University
Graduate Teaching Assistant (2013 - 2016)

Leapforce, Inc.
Search Engine Evaluator (2012 - 2013)