

Patrick McKelvy

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PROJECTS

CloudSounds (Rails, React)

[live](#) | [github](#)

Music sharing and discovery website, based on SoundCloud

- Adheres to single-page format for a seamless user experience.
- Modifies private methods of Wavesurfer source to smooth functionality.

Tetris Party (Javascript, HTML5)

[live](#) | [github](#)

Browser game, based on the classic arcade game Tetris

- Combines CSS and my custom DOM manipulation library, jQueryLite, for powerful dynamic gameplay and rendering.
- Displays a unique color-scheme using a custom CSS color-wheel algorithm.

jQueryLite (Javascript)

[github](#)

Custom lite implementation of the popular Javascript library

- Abstracts browser DOM manipulation API into friendlier JS objects.

SKILLS

Ruby
HTML5

Rails
CSS3

JavaScript
Git

jQuery
SQL

React
C++

Flux
Excel/VBA

EXPERIENCE

Managed/Published Artist - MannCom Cree8iv (2013 - Present)

- Created multi-tempo tracks for launch of experimental new music app Weav.
- Produced / remixed pre-recorded tracks from dozens of artists and labels.

Sales Representative - Epidemic Sound (2015)

- Compiled custom playlists to help customers find music from the track shop.
- Helped negotiate subscription deals with customers for use of the ES library.

EDUCATION

Web Development - App Academy (Winter 2015/2016)

- Immersive, web-focused software development course, <3% acceptance rate.
- Emphasis on code quality, design patterns, and pair-programming.

BS Electrical Engineering - Tufts University, 2011

- GPA 3.23, Cum Laude.
- Concentration in sustainable and renewable energy systems.