

# 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.
- Accesses non-public methods of Wavesurfer.js library to smooth functionality.

### Tetris Party (Javascript, HTML5)

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

*Browser game, based on the classic arcade game Tetris*

- Combines JQueryLite and CSS 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*

- Enables acquisition and creation of DOM elements.
- Provides methods for simple manipulation of DOM elements.

### Chess (Ruby)

[github](#)

*Terminal-based chess game*

- Implements move validation to disallow non-legal moves on a piece-by-piece basis.
- Features 2-player functionality for head-to-head competition.

## SKILLS

Ruby	Rails	JavaScript	jQuery	React	Flux
HTML5	CSS3	Git	SQL	C++	Excel/VBA

## EXPERIENCE

### Managed / Published Artist - MannCom Cree8iV / Top1ne Publishing (2014 - 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 aid customers in finding music from the ES 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.
- Strong emphasis on code quality, design patterns, and deep understandings of underlying languages, libraries, and frameworks.

### BS Electrical Engineering - Tufts University, 2011

PORTFOLIO [pmckelvy.com](http://pmckelvy.com) • GITHUB [pmckelvy1](https://github.com/pmckelvy1)  
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- GPA 3.23, Cum Laude.
- Concentration in sustainable and renewable energy systems.