

Wil Pirino

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RECENT PROJECTS

SoundScape (Ruby on Rails, Express.js, React.js/Flux)

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

A free music-streaming web application.

- Utilized web crawler and Spotify API to search and stream high-quality audio for millions of popular songs!
- Wrote algorithm to crawl the web and select the optimal audio file based on a four-point scoring system.
- Launched Node.js server to accept partial content requests and stream audio to the client.
- Built custom audio player Interface, with JQuery, on top of HTML5 Audio Player.

Fat Bat and the Colored Caverns (Objective-C)

[iTunes](#) | [github](#)

A side-scrolling arcade game listed on iTunes store for iPhone and iPad

- Downloaded 100+ times and received multiple 5-star reviews.
- Designed to be responsive and available across all iOS mobile platforms.
- Created geometric based artwork and animations using Quartz 2D.

Rails Lite (Ruby)

[github](#)

Backend framework inspired by Rails, includes ORM inspired by Active Record

- Implemented custom middleware for static resource retrieval and server-side error rendering.
- Used meta programming to support one-to-one, one-to-many, and even through relations for models.
- Created Flash and Session objects, allowing information to persist for subsequent requests.

SKILLS

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|---------------|------------|-------|-------------|------|--------|
| Ruby | JavaScript | C/C++ | React.js | Java | JQuery |
| Ruby on Rails | HTML/CSS | SQL | Objective-C | git | RSpec |

EDUCATION

App Academy | San Francisco, CA

May - July 2016

1000-hour intensive full-stack web development course with < 3% acceptance rate. Emphasizes pair-programming and TDD.

Purdue University | Computer Science

2014 - 2015

Curriculum Highlights: C/Java Programming, Data Structures, Algorithms, Computer Architecture, Calculus III, Statistics

EXPERIENCE

Computer Repair Technician | Avon Computer Works

2012 - 2014

- Diagnosed and performed hardware/software repairs for 100+ clients.
- Built custom PCs and refurbished old PCs increasing the store's revenue by approximately 10%.