

# Wil Pirino

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## RECENT PROJECTS

### SoundScape (Ruby on Rails, Node.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.

### Worm (JavaScript, HTML5 Canvas)

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

*A browser-based game inspired by the classic arcade game Snake*

- Utilized 3D CSS3 transitions along with HTML5 Canvas to build an engaging interface.
- Efficiently stored and rendered a life-like worm object capable of resizing its segments independently.

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## SKILLS

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

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## 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

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## 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%.