

# Sam Tchen

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## Projects

### HearHear

[Live](#) | [Git](#)

Music sharing platform built with Ruby on Rails and Backbone.js

- Allows continuous playback while browsing, using a custom audio player built with jQuery, Web Audio API, Javascript, and HTML5.
- Implemented pagination with Kaminari plugin to reduce load time of music library
- Dynamic search results based on user applied filters using custom Rails Routes and Backbone Views

### Snake

[Live](#) | [Git](#)

Browser version of a classic arcade game

- Built with HTML5 and Javascript
- Uses jQuery and CSS3 to create an 8-bit look

### Chess

[Git](#)

Command line version of Chess built with Ruby

- Multi-level class hierarchy to keep code DRY
  - Chess AI that determines all possible moves for each piece, prevents checkmate.
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## Skills

Ruby, Ruby on Rails, Backbone.js, jQuery, Javascript, Git, SQL, HTML5, CSS3, TDD

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## Experience

### Trust Company of the West

**2012 - 2015**

Mutual Fund Administrator

Los Angeles, CA

- Worked closely with development team to ensure propriety software was developed to spec resulting in less production issues.
  - Designed and implemented new features to automate Fund Administration processes that improved efficiency by up to 50%.
  - Led discussions with team members and senior officers to determine bottlenecks and develop improvements to our process.
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## Education

### App Academy

**Summer 2015**

Full Stack Web Development Course with acceptance rates < 5%

- Focus on web development and agile methodologies
- Strong emphasis on code quality and design patterns

### University of California, Los Angeles

**June 2009**

B.A. Economics

- Specialization in Computing (C++, Java)
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