

Sam Tchen

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Experience

Beats Electronics (a division of Apple)

Feb. 2016 - Present

Front End Developer

- Engineered a new internal web app for the marketing team resulting in reduced cost and time spent in designing campaigns and advertising content. Built using Javascript, React, and PHP.

Trust Company of the West

2012 - 2015

Mutual Fund Administrator

- 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.

Projects

HearHear – Full-stack Engineer

[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.

OrganGrinder – Full-stack Engineer

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

Virtual musical organ built with Ruby on Rails, React.js and Flux architecture

- Ability to persist current track using Stores.
- Uses Postgres database to save track recordings.

Snake – Front-end Engineer

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

Classic arcade game built with HTML5, CSS3, Javascript, and jQuery

- Saves current session high score through local variables.
- Uses custom styling to create an 8-bit look.

Skills

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

Education

App Academy

Summer 2015

Full Stack Web Development Course with acceptance rates < 3%

- 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

📄 www.samtchen.com

🌐 www.linkedin.com/in/SamTchen

🔗 www.github.com/samtchen