

Tassos Bareiss

Software Developer [Github](#) | [LinkedIn](#) | [Portfolio](#)

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Skills

JavaScript | Ruby | Rails | React | Redux | jQuery | RSpec | Git | SCSS | AWS | PostgreSQL

Projects

LoudCloud / Ruby on Rails, React + Redux, SCSS

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

A music streaming, audio hosting, single-page app based on SoundCloud

Facilitated a seamless streaming experience by dynamically generating play queues based on the user's last played track

Reduced load-time from seconds to milliseconds when rendering multiple waveforms by extracting and storing audio buffer data server-side upon track upload

Gazebo / Ruby, PostgreSQL

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

A lightweight MVC framework and Ruby gem

Designed a 'relation' class that lazily builds and executes a SQL query based on user input to provide chainable query methods on the model base class

Emphasized ease of development by packaging the library into a ruby gem with a command line interface for running migrations and seeds

Lyrical / JavaScript, D3, HTML, CSS

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

An interactive visualization of how often a word appears in pop song lyrics from 1965 to 2015

Improved performance of real-time input validation by using a trie data structure

Stressed DRY, modular code by following object-oriented design principles when using D3.js for data-driven SVG manipulation

Experience

App Academy / Junior Teaching Assistant

March 2017 - May 2017, New York City

Reviewed student code written in Ruby, SQL, and JavaScript, focusing on readability, performance, and correctness, thereby contributing to a 98% job placement rate

Fulbright Scholarship / English Teacher

June 2015 - June 2016, Vientiane, Laos

Coordinated an English-language talent show attended by over two hundred students and faculty, providing several students with their first public speaking experience in English

Education

App Academy

December 2016 - March 2017, New York City

A full-stack software development bootcamp with < 5% acceptance rate

Pitzer College / Bachelors of Arts, Mathematics

Class of 2015, GPA: 3.78