

SHUCHEN (FRANK) YE

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TECHNICAL SKILLS

JavaScript jQuery React.js Redux Git Ruby Ruby on Rails SQL RSpec HTML5 CSS3

PROJECTS

Pixel Tracker (*Rails, React/Redux*)

[Live](#) | [GitHub](#)

Agile project management app inspired by Pivotal Tracker

- Implements individual loading feedback, improving user navigation, by assigning a global loading Redux state to keep track of specific app actions.
- Constructs a modular confirm modal React component to keep code DRY.
- Leverages Rails Active Record nested attributes and mass update functions to limit AJAX requests to the API, improving performance.

Corgi Chase (*JavaScript, HTML5 Canvas*)

[Live](#) | [GitHub](#)

Infinite run game inspired by T-Rex Runner

- Dynamically generates infinite content based on difficulty using custom RNG engine.
- Limits draw speed and applies multiple canvas elements to improve performance.

Hasty Archive (*Ruby*)

[GitHub](#)

Lean ORM built in Ruby

- Includes model level validations for presence, uniqueness, and field length.
 - Applies ruby metaprogramming to write modular methods for database associations.
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PROFESSIONAL EXPERIENCE

TuneCore Inc.

New York, NY

Digital Music Distributor: Financial System Analyst

Sep 2010 – Oct 2016

- Created new reporting system for our Songwriter department, leveraging custom SQL queries and VBA macros to track music sales and distribution in 50+ territories and 20+ digital music stores, allowing targeted royalty collections.
 - Conducted quality assurance tests on all major deploys to our back-end financial systems, resulting in 4 bug free international launches to CA, UK, AU and FR.
 - Processed 12 million rows of data a month from 20+ digital store partners with SQL to accurately pay and report \$15 million to artists.
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EDUCATION

App Academy

1000-hour rigorous web development course with <3% acceptance rate

New York, NY

Oct 2016 - Jan 2017

New York University, Leonard N. Stern School of Business

BS in Finance and Marketing, Minor in Computer Science GPA: 3.5

New York, NY

Sep 2006 - May 2010