Samuel Kim

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Projects

Instapound (Rails, React, Redux, PostgreSQL) Live | Github

A food-themed, picture sharing app inspired by Instagram

- Ensured double layer of security by assigning session tokens on the backend and confirming the session user on the frontend.
- Implemented user asset management for picture uploads with AmazonWebServices S3 via the Paperclip gem.
- Optimized image rendering for a more seamless response by adding paperclip-optimizer to Paperclips' processors setting.

Silly Rabbit (JavaScript, CreateJS) Live | Github

An endless runner game inspired by Google Chrome's T-Rex game

- Achieved 60 FPS by utilizing the EaselJS library to create SpriteSheet and Sprite objects.
- Simulated jump physics through TweenJS's tweening interface. Chained multiple Tween to() methods for a smooth animation.

DOMDOMDOM (JavaScript, DOM) Demo | Github

A JavaScript library inspired by jQuery

- Accomplished AJAX functionality through the XMHLHttpRequest API to initialize a request and registering a callback to its onload.
- Handled the addition of multiple event listeners by setting a unique action property to an element and assigning its value to an array of even handlers.

Skills

Ruby

Ruby on Rails

JavaScript

jQuery

React.js

React

SQL

Git

HTML5

CSS3

Java

Education & Training

Rutgers University, New Brunswick, NJ — January 2014
BS in Computer Science
Curriculum Highlights:
Computer Architecture, Data Structures, Systems Programming

App Academy 2016
An intensive 1000-hour web development course with an acceptance rate below 5%

Professional Experience

Tata Consultancy Services — 2014-2016
Software Engineer

- Audited many database tables and ensured target tables matched source tables using our propriety data validation tool.
- Established smooth migration from one data warehouse to another using SQL queries to inspect whether or not data transitions were successful.