Samuel Kim

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Professional Experience

Tata Consultancy Services   2014-2016
Software Engineer

- Audited database tables ensuring targets matched sources using our proprietary data validation tool to provide seamless transition between data warehouses.
- Documented data warehouse integrity to provide analysis of suspect transitions
- Established smooth migration from one data warehouse to another using SQL queries to guarantee successful data transitions for Fortune 500 client.

Education & Training

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

App Academy   March 2017
An intensive web development course focused on modern programming best practices

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Projects

Instapound (Rails, React, Redux, PostgreSQL)   Live | Github
A food-themed, single page application 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.
- Set up SSL by adding domain to CloudFlare and configuring DNS records

Silly Rabbit (JavaScript, CreateJS)   Live | Github
An object-oriented browser game using CreateJS libraries

- Achieved 60 FPS by leveraging the EaselJS API to create SpriteSheet and Sprite objects for smooth animations.
- Simulated jump physics through TweenJS's tweening interface.

DOMDOMDOM (JavaScript, Native DOM API)   Demo | Github
A lightweight JavaScript library inspired by jQuery

- Allowed multiple event listeners through a unique action property per element, assigning its value to an array of event handlers.

Skills

Ruby
Ruby on Rails
JavaScript
jQuery
React
Redux
SQL
Git
HTML5
CSS3
Java