Keon Choi

Software Engineer

646-520-7420 | keonch91@gmail.com | Brooklyn, NY 11234 | keonch.me | keonch | keon-choi

Projects

Where's My Train?

A single page web application mapping NYC subway trains in real-time using Google Maps and MTA API

- Incorporates CORS proxy server to fetch data from MTA datamine in order to receive live feed of subway trains
- Parses serialized data received from MTA API into JSON objects using Google's GTFS protocol buffer
- Centralizes data into a single store object to manage asynchronicity from server responses
- Constructs train objects with calculated position and velocities in geographic coordinates

No Basecase

A full stack web application inspired by Stack Overflow featuring CRUD functionality for questions and answers

- Utilizes React-Quill library to allow users to input code blocks within question and answer forms
- Integrates voting feature on questions and answers using modular functions for DRY code
- Implements ActiveRecord's polymorphic association to reduce database queries for question searches

jKuery

A lightweight JavaScript DOM manipulation library inspired by jQuery

- Features DOM manipulation functions using native DOM API
- Uses hash map to reference event listeners for creation and deletion
- Includes AJAX request API and returns a Promise to allow chainable function calls

Skills

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

Education

App Academy *Jan 2018 - Apr 2018*

1000-hour immersive full-stack web development intensive with an acceptance rate less than 3%

City College of New York *Jan 2012 - June 2015*

B.E. Mechanical Engineering

FE/EIT May 2015

Experience

VERIPAD *June 2016 - June 2017*

Administrator

- Researched tamper evident packaging and manufacture processes for the company's hardware technology
- Collaborated with teams in Google Ventures and BNY Mellon to accelerate customer outreach and acquisition
- Successfully acquired targeted organization through cold-calls in order to launch the first pilot study program

InnovBot LLC *Sept 2014 - Feb 2015*

Mechanical Engineering Intern

- Created a safety winch mechanism for wall climbing robots following six-sigma methodologies
- Drafted beam structures and spooling components using SolidWorks software
- Organized BOM and CAD drawings of the prototype for manufacture process