KENNETH NG

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SKILLS

Ruby
Ruby on Rails
JavaScript
React.js
Redux
Bootstrap
jQuery
SQL
Git
NPM
Webpack
PostgreSQL
HTML5
CSS3
Websockets
CANVAS
Three.js

EDUCATION

App Academy
Spring 2017
Immersive 1000+ hour web development bootcamp with <3% acceptance rate

Stony Brook University
Fall 2011 - Spring 2015
BS - Neuroscience
Achieved 3.3 cumulative GPA

PROJECTS

This-Chord | Full Stack   Live Site | Github
This-Chord is a single page web application that features live real-time chat functionality

- Tech stack of React.js / Redux, Ruby on Rails, and PostgreSQL
- This-Chord's chat functionality utilizes the Pusher API and bidirectional TCP connection
- Separation of public channels and private direct messages by leveraging model level associations and a boolean column in the schema to differentiate between the two types of communication
- Fetched messages for chatrooms and direct messages using jQuery's AJAX function

Macro4Me | Full Stack   Live Site | Github
Macro4Me is a sleek and clean food logger that allow users to keep track of their meals daily

- Tech stack of React.js / Redux, Ruby on Rails, and PostgreSQL
- Custom validations are used to ensure only the correct data type is saved in the database
- Utilized Bootstrap to create a responsive webpage for better user experience
- Authentication is built using the BCrypt gem to hash password digests and SecureRandom.base64 to generate session tokens for users

NBA-Cubed | Front End (Ongoing)   Live Site | Github
A 3D data visualization of all NBA players arranged by points per game

- Built using the three.js library, a wrapper around WebGL
- Player statistics are pulled from a third-party API to provide real-time updates
- jQuery is used for DOM manipulation as well as fetching data from the third-party API

Elon's Crazy Day | Front End   Live Site | Github
An endless runner inspired by Atari's famous 1983 Pole Position

- Written using HTML, JavaScript, and Canvas
- JavaScript is written in ES6 and transpiled using Babel for cross-browser compatibility
- Utilizes two layers of canvas for the background and cars inline with the Single Responsibility Principle

EXPERIENCE

Weitz & Luxenberg, P.C. | August 2015 - July 2017
Science Paralegal

- Oversaw three vastly different multi-district litigations with hundreds of cases and issues ranging from improper hip design to negligent drug warnings
- Research legal documents, medical literature, and medical records to support attorney trials, meetings, and correspondence