ANDREW KIM

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, C#, Java, Python, AWS, Web Sockets

EDUCATION

App Academy, 16-week intensive course in full-stack software development with < 3% acceptance rate
New York Institute of Technology, BS in Computer Science

PROJECTS

CharmTunes | *Ruby on Rails, React, Redux, PostgreSQL*   Live | GitHub

A full stack clone of Spotify that allows users to listen to music and create playlists on a single-page application

- Implemented User Authentication using BCrypt as the hashing encryption to ensure the user's password security
- Integrated Redux with HTML5 media web components to create a custom media playback, allowing settings (ex. volume level) to be stored and used across multiple songs
- Stored user information (ie. playlists, username, password hash, etc.) in PostgreSQL to be accessed easily using Active Record Queries

ConnectFriends | *Mongoose, Express.js, React, Node.js, socket,io*   Live | GitHub

A MERN Stack team project that is an online interactive version of the hit board game Connect Four to play with friends and family.

- Served as a FrontEnd Team lead to implement socket.io for local or online play and chat
- Created an AI player opponent using the Minimax algorithm to challenge users and extend user time on the website
- Styled a dynamic player ranking scoreboard using CSS to allow users to see scores updated in real time

KittyType | *JavaScript, HTML*   Live | GitHub

A fun and interactive time sensitive typing game made with JavaScript

- Utilized vanilla JavaScript to create functions for the custom word check when the user types the prompted word in real time
- Created an interactive visual using JavaScript and CSS to introduce a loss condition for users to be engaged with other than a timer
- Employed the use of DOM and Event Listeners to manipulate objects on the screen (ie. typing input) for a seamless typing experience

EXPERIENCE

Teacher's Assistant
John J. Daly Elementary School   2018-2020

- Assembled custom lesson plans for specific students to ensure that they are learning the material efficiently
- Engaged in conversations with parents regarding their children to ensure they are on track to the curriculum

IT Assistant   2015 - 2017
NYIT Old Westbury NY & NYIT Manhattan NY

- Efficiently communicated between supervisors and clients regarding issues solved or outside of scope
- Provided technical support to clients, troubleshooting issues as quickly and efficiently as possible
- Maintained and repaired equipment (printers, projectors, audio and video, and computers) across both Manhattan and Old Westbury campuses to prevent any issues from arising during lectures