

ANDREW KIM

Software Developer

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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

Highly selective web development program with a < 3% acceptance rate.

New York Institute of Technology

B.S. in Computer Science

PROJECTS

CharmTunes *Ruby on Rails, React, Redux, PostgreSQL*

[Live](#) | [GitHub](#)

A full stack clone of [Spotify](#)'s application; Listen on in using a custom music player, and create your own playlist saved to your account.

- 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
- Implemented User Authentication using BCrypt as the hashing encryption to ensure the user's passwords are secure
- 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.

- Created an AI using the [Minimax](#) algorithm to challenge players solo
- Styled dynamic a leaderboard to change in real time when a new top player is crowned
- Collaborated with a team of engineers as the FrontEnd Lead to implement socket.io for local or online play and chat

KittyType *JavaScript, HTML*

[Live](#) | [GitHub](#)

Play a fun and interactive typing game made with JavaScript to test yourself against the clock!

- Utilized vanilla JavaScript to assemble a fun and interactive typing game
- Employed the use of DOM and Event Listeners to manipulate objects on the screen (ie. typing input) for a seamless gaming experience

EXPERIENCE

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