Ben Rollins

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https://maz222.github.io/New-Portfolio/

Projects

(All code available on https://github.com/maz222)

Keyfolio

A full stack web app for the popular collectible card game Keyforge. Allows the user to search a database of cards by various properties. Also features a public API for other developers to easily access the database of cards for their own use. *(HTML, CSS, JS, React, React Router, Node.js, Express, MongoDB/Mongoose)*

Color Caddy

A web app for generating colour schemes similar to Adobe Kuler. Allows the user to input a given color in either RGB, HEX, or HSL format via text input and sliders, and generates other colors to complete a color harmony (Analogous, Complementary, Split, etc). Also displays a range of shades of the main color for easy shadows / shading. Users can simply click on a color to instantly copy it to their clipboard for easy input into their own projects. Features dedicated desktop and mobile versions. *(HTML, CSS, JS, React, React Redux)*

Big-O Quiz

A multiple choice quiz site for the time and space complexities of popular data structures and algorithms. Features a responsive design that works on both desktop browsers and mobile devices. Questions are stored in a local XML file and loaded into the page as the user progresses. *(HTML, CSS, JS, jQuery, Boostrap, XML*)

Match 3 Game

A "match 3" game in the vein of Bejeweled, Candy Crush, etc. Made in Python using the popular Pygame library. Each block/jewel is rendered via an internal state machine, allowing for easily extended behaviours such as "special" blocks with multiple colors, shields, etc. *(Python)*

Activities & Awards

- 1 Silver, 4 Bronze medals on Hackkerrank.com (competitive programming competitions)
- Top 1% of users on codesignal.com
- Certified in Responsive Web Design, JavaScript Algorithms and Data Structures, Front End Libraries, and APIs and Microservices via FreeCodeCamp.org
- Employee of the month at both Google Express and Fry's Electronics

Work Experience

Safety Coordinator - Google Express via SMX Staffing | Mountain View, CA 8/16 - 11/2018
Head Merchandiser - Fry's Electronics | Sunnyvale, CA 8/11 - 11/2015