Tony Qiu

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GitHub:
https://github.com/tonyqiu123

Portfolio:
https://tonyqiu123.github.io/index.html

>LANGUAGES AND TECHNOLOGIES

- **Front-End:** JavaScript, React, JSX, HTML5, CSS3, Bootstrap, Fetch, SCSS
- **Back-End:** Node.js, Express, AWS (Amplify, RDS, S3, EC2, Cognito), PostgreSQL, RESTful API, PHP(Basics)
- **Tools:** Git, VS Code, MSFT Teams, Figma, PhotoShop, Illustrator

>PROJECT WORK

Multi Calculator | Multi-Calculator   December 2021

Calculator with several different modes including mortgage, retirement and basic.

- Improved UX through design research and simple animations, this took the form of a very precise wireframe and developed the final product to match those specifications, ultimately creating a sleek design.
- Implemented single page application principles when shifting from mortgage to retirement or basic calculator modes. Using JavaScript, this was achieved by referencing global variables to display the desired mode.
- Created engaging UI/UX utilizing animations, box shadows and linear gradients to create a 3D effect when pressing buttons or clicking into an input field.

Matrix Poker | Matrix-Poker   January 2022

A playing card match game inspired by a blend of Bejeweled and Poker..

- Created a game board grid system from a Javascript array.
- Features recursion to continuously check for matches and drop new tiles until there are no more matches.
- Created a function to match an anagram in order to match a poker 'straight' in any order.

BingeWorthy Mock Streaming Service | API Project | BingeWorthy   January 2022

A mock streaming service inspired by Amazon Prime / Netflix programmed in React js.

- Pulled movie and television data from the TMDB movie api creating the appearance of a streaming service.
- Choose a movie by clicking through genres or searching by title.
- Utilized local storage so users can save their favorite movies for easier access.

StudentTeacher Rubric Portal | Full Stack Application | March 2022

A portal for students to share work and teachers to grade / PERN stack with AWS hosting

- Designed and implemented backend database and api.
- Used React-Router-Dom to protect front-end routes from users not logged in and unauthorized user roles.
- Created functionality for admin to create teams and add students to teams.

>PROFESSIONAL EXPERIENCE

BrightBearsInfo| Web Developer   May 2021 - Present

- Managed employee schedules using Home Base, a shift scheduling app.
- Prepared and supervised Ice Cream inventory, ensuring we never ran out of any flavors.
- Managed inventory of ingredients making sure we always had more stock than we needed to make all flavors.
- Worked as a team to navigate challenges arising from the pandemic, we were able to serve customers in a fast, safe and efficient way using windows, doordash and online sales.

>EDUCATION

University of Waterloo | *Management Engineering*   Sepetember 2022 - April 2027