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SULTAN BADRI
https://sultanbadri.github.io/

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EDUCATION

University of California, Berkeley   Berkeley, CA
B.A. Computer Science (GPA: 3.22/4.00)   Expected: May 2024

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, CSS, SCSS, HTML
Frameworks/Libraries: React.js, Node.js, Express.js, jQuery, Jest
Software/Tools: Git, Webpack, Figma

PERSONAL PROJECTS

Mini Message Board | Node.js, Express.js | GitHub   Mar 2021
- Built a message board using Node.js and Express.js which displays user-submitted messages.
- Implemented form which sends a POST request with the new message to the index page.
- Accessed the contents from the form and pushed them into an array containing the messages.

Shopping Cart | React, TypeScript, React Router, Styled-Components | GitHub   Jan 2021
- Built a shopping cart with navigation to different component pages using React Router.
- Added twelve items to the shop and inputs to alter the quantity of each item in a user's cart.
- Navigation bar counts a user's cart size, and the checkout page adds the total price of all cart items.

Memory Cards | React, TypeScript, Styled-Components | GitHub   Jan 2021
- Built a memory card game with over 30 cards in which you cannot pick the same card more than once.
- Implemented card shuffling using hooks and lifecycle methods each time a player clicks on a new card.
- Added a scoreboard to display a player's current score and all-time best score (saved on the browser).

Resume Builder | React, TypeScript, Styled-Components | GitHub   Dec 2020
- Developed an easy-to-use resume-making application using React.js.
- Created a resume container that replaces default values with what the user fills out in the inputs.
- Styled print media queries so the print screen only displays the filled-out resume.

Weather App | TypeScript, CSS, HTML, Webpack | GitHub   Nov 2020
- Used async await to fetch data from the OpenWeatherMap API when a user searches for a city.
- Implemented a switch to toggle between Fahrenheit and Celsius scales for all cities.
- Added an error modal to manage search results of cities with unavailable data.

EXTRACURRICULARS

PiE (Pioneers in Engineering)
Designer   Aug 2020 – Present
- Prototyped multiple redesigns for PiE's website using Figma.
- Created designs for trophies, posters, and a canopy using applications from Adobe Suite.

Robotics Club
Coder/Web developer   Aug 2018 – Jun 2020
- Coded and deployed a website that displayed the team's accomplishments and members.
- Worked under the coding team to develop a functioning robot to compete in robotics competitions.

VOLUNTEER

MASS (Math and Science Society)
Experimenter   Aug 2017 – Jun 2020
- Tutored and taught elementary-level math to over 100 school children.
- Performed, conducted, and explained the science behind engaging experiments to families.
- Judged over 20 science fair projects by elementary school children.