Curtis Daniel Larsen

Front-end Developer

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OBJECTIVE

React developer with an emphasis on learning and developing my front-end skillset. Self-taught and enthusiastic with a strong work ethic and desire for improvement. Capable of picking up new skills quickly and managing time effectively and efficiently.

PROJECT HISTORY & TECHNOLOGY

Twitter Guessr

Multiple choice quiz application based on Twitter API. Has access to Twitter Dev privileges to request and refresh data from the official Twitter API.

- **React** - Utilized several custom hooks, as well as built-in hooks to track user input, scores, current game state, and user preferences

- **Javascript** - Used js scripts along with Twitter Dev access tokens to access official Twitter API and make data requests to update local databases that the code runs on

- **Styled Components** - Global styles used for the baseline app styles and Theme Provider used to manage dark/light themes and styles. Used to create all components as well as their styles, as well as adapting based on props for dynamic styling.

- **React Twitter Widgets / Twit** - Utilized multiple libraries to interact with official Twitter widgets code to load in and displayed embedded tweets to the UI as well as re-constructing twitter handle buttons

Git Hub Battler

Dual-purpose App built following UI.dev. Can load in repositories from the Github API based on user choice or choose two Github users to battle.

- **React Router** - Utilized switches and routes to conditionally render different pages as well as store the selected Github users in the URL path

- **Javascript** - Created functions that make HTTP requests to the Github API using promises for error-catching as well as extensive use of conditional rendering to always display the appropriate information to the UI

- **Error Catching / PropTypes** - Several error checks during loading as well as in the functions themselves to ensure any errors are caught as well as using the prop-type library for type checking

- **Responsive Design** - Simple but responsive design utilizing flexbox to ensure that the design remains consistent across multiple viewports and screen sizes

Bank Template

Design template for desktop, hosts a variety of features such as language select, user dashboard, and a real-time currency exchange.

- **React** - Utilized multiple context hooks to manage login states as well as authorization contexts. Capable of dynamically switching between several different displays based on state.

- **Axios** - Used along with useEffect hooks to make dynamic data requests based on user settings. Fetched data from a currency exchange rate API to ensure values on app were always up-to-date

- **Material-UI Framework** - Used the MUI framework integrated with Styled Components for much of the design including use of the API to create custom themes as well as style overrides for certain components

Fantasy Sports App

Fantasy sports application that tracks stats and player ownership over multiple years, data based on real fantasy leagues from Fantrax.com.

- **React Context API** - Extensive variety of user-selectable themes handled through Theme Provider that update the entire app's color scheme and store preferences in local storage

- **Javascript / CVS** - Extensive use of JS scripts to convert stored CVS data into a local database to then be mapped, sorted and filtered so the data can then be rendered to the UI based on relevant state

- **React Custom Hooks** - Use of custom React hooks to implement tooltips that display information when hovering certain elements as well as custom hooks to handle toggling state

WORK HISTORY

Little Fox English Academy
English Teacher - Seoul, South Korea

(March 2018 - March 2020)

Avalon English Academy
English Teacher - Ochang, South Korea

(February 2016 - February 2018)

Jebco Manufacturing
Forklift Operator - Cobourg, Canada

(March 2015 - January 2016)

EDUCATION

Carleton University
B.Sc. Integrated Science

(September 2012 - April 2015)