ZX

ZIQIANG XU

SUMMARY

A recent graduate seeking practical experience in the Web Development world

TECH STACK

HTML

CSS

JavaScript

React

Git and GitHub

PROJECTS

JavaScript

Turtle's Bar and Grill --- A real-world responsive website built using *HTML*, *CSS* and *Vanilla JavaScript* for a popular local sports bar outside White Sox Stadium
- https://stellar-elf-512e39.netlify.app/index.html
- Practiced fundamental knowledge and skills such as: Event Delegation, DOM Traversal and Manipulation, Semantic HTML, Box Model, Layouting, Positioning, Media Queries, Web Storage, so on and so forth;
- Added Swipe Gesture for mobile and tablet devices using DOM API;
- Utilized Intersection Observer API for adding visual effects such as: Image Lazy-Loading and Section Revealing and Scrolling Progress Indication;
- Created a framework for collecting and processing and rendering data.

JS React

FoodApp2 --- a food-ordering mini project built using React fundamentals
- https://clinquant-toffee-28c6f3.netlify.app
- Practiced basics in React such as Component, Props, State and Hook;
- Applied advanced React concepts such as Side Effects, Refs, Context API and more React Hooks;
- Sent HTTP requests to Firebase Realtime Database to get and post data;

Turtle's Menu --- the menu page of the Turtle's project rebuilt using React
- useTransition for pop-up message,
- useMemo, useCallback for optimization

EDUCATION

M.A.S. • DATA SCIENCE • ILLINOIS INSTITUTE OF TECHNOLOGY • DEC 2021
B.S. • CIVIL ENGINEERING • UNIVERSITY OF CINCINNATI • MAY 2019

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