Muntaqa Maahi

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EDUCATION

University At Buffalo

Buffalo, NY

Bachelor of Science in Computer Science

• Relevant Courses:

Algorithms and Complexity, Database Systems, Data Structures, Computer Architecture, Computer Vision

EXPERIENCE

Coding Instructor

May 2020 - April 2023

Graduation: May 2023

Kidzwhiz

Toronto, ON

- Assisted students in designing and developing projects, providing mentorship and feedback throughout the development process
- Conducted group and one-on-one lessons, teaching computer science concepts as well as programming languages such as Scratch, Python, and JavaScript

Student Engagement Conference Web Application Developer

August 2022 – February 2023

University At Buffalo

Buffalo, NY

- Collaborated with the Student Engagement team at the University at Buffalo to create a dynamic and user-friendly web application for a major conference event.
- Developed the front end of the conference web application using Tailwind CSS, ensuring a seamless user experience and visually appealing design.
- Created a responsive and accessible application, compatible across various devices and browsers and ADA compliant.

Projects

Netflix Clone | ReactJS, TailwindCSS | https://netflixmockupmaahi.netlify.app

- Developed a Netflix clone using Tailwind CSS and React, leveraging Firebase for user authentication and TMBD API for movie data retrieval.
- Designed and implemented a responsive and user-friendly interface that closely resembles the Netflix UI, providing an immersive streaming experience to users.
- Optimized the performance and scalability of the application, achieving high levels of reliability and availability by leveraging Firebase hosting and database services.

Algorithm Visualizer | React, JavaScript, Bootstrap, D3.js | https://bubblesortvisualization.netlify.app/

- Developed a dynamic visualization tool that illustrates the step-by-step process of the Bubble Sort algorithm.
- Utilized React for building the user interface, JavaScript for implementing the algorithm logic, and Bootstrap for styling.
- Integrated D3.js to create engaging, interactive data bars, providing a visually rich experience for understanding sorting techniques.

Foodle: A food-Inspired Wordle Game | Flutter, Dart | https://foodwordle.netlify.app/

- A Wordle game with a twist—every word in the game is a five-letter food item.
- Designed an intuitive, minimalistic user interface using Flutter and Dart to provide a seamless gaming experience.
- Utilized Flutter for cross-platform deployment, ensuring a consistent user experience on multiple devices.
- Employed Dart's asynchronous programming features to achieve smooth gameplay without lags or stutters.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, (Postgres, mySQL, RDMS), JavaScript

Frameworks: React, Node.js, JUnit, Criterion

Developer Tools: Github, Zenhub, Conda, Heroku, linux

Libraries: openCV, Torchvision, numpy