

Muntaqa Maahi

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EDUCATION

University At Buffalo

Bachelor of Science in Computer Science

Buffalo, NY

Graduation: May 2023

- **Relevant Courses:**

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

EXPERIENCE

Coding Instructor

Kidzwhiz

May 2020 - April 2023

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

Web Developer intern

Student Engagement @ University at Buffalo

August 2022 – February 2023

Buffalo, NY

- Collaborated with the Student Engagement team at the University at Buffalo to create a dynamic and user-friendly web application for the annual Next Level conference
- Developed the web app using Tailwind CSS, ensuring a seamless user experience and visually appealing design
- Created a responsive and ADA-compliant application, compatible across various devices and browsers

PROJECTS

GreatReads - A Goodreads Clone | *React, TailwindCSS, Supabase* | <https://greattreads.netlify.app/>

- Developed an interactive book tracking platform, inspired by Goodreads
- Implemented key features like book browsing, detailed book information, and reading progress tracking.
- Integrated Google Books and New York Times APIs for book data and trending lists.
- Enabled user authentication, profile customization, and provided options for guest/demo user access.

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
- 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, RDBMS), JavaScript

Frameworks: React, Redux, Node.js, JUnit, Criterion

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

Libraries: openCV, Torchvision, numpy