Muntaqa Maahi

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Education

COOP Careers - Data Analytics Fellow   *Expected Dec 2024*
- Engaged in a 16-week fellowship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, and Tableau, alongside continuous professional development
- 200 hours of instruction time with a hands-on mastery of data tools, communication training, networking, and client work with various companies

University at Buffalo - Engineering and Applied Sciences

B.S. Computer Science   *Jun 2023*
- Relevant Coursework: Algorithms and Complexity, Computer Vision, Data Structures, Computer Architecture, Networking, Operating Systems, Software Quality in Practice

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Technical Skills & Certifications

- **Front-End Development:** React.js, Next.js, TailwindCSS, HTML, CSS, JavaScript/TypeScript
- **Tools & Technologies:** Git, GitHub, npm, Postman, Netlify (CI/CD), PostgreSQL, Supabase, Redux
- **Programming Languages:** TypeScript, Python, Bash, C/C++
- **Data Analytics & Visualization:** Tableau, Excel (Pivot Tables, VLOOKUP), Power BI, D3.js
- **Certifications:** Coursera – Google Data Analytics Professional Certificate

Projects

GreatReads - *A Goodreads Clone | React, Next.js, TailwindCSS, Supabase*   Live Site
- Implemented caching and session management with Redux, optimizing API calls and handling rate limits.
- Integrated Google Books and New York Times APIs, enabling users to explore millions of books and trending titles.
- Deployed using Netlify's CI/CD pipeline, automating build and deployment processes after code commits.

RoadWeather – *Mobile Weather App | React Native, Typescript, Expo*   GitHub
- Developed a mobile app integrating Google Maps API and WeatherStack API, delivering real-time weather updates for 10,000+ route calculations.
- Built a user-friendly interface to enhance trip planning and safety, ensuring efficient API request handling.
- Implemented dynamic waypoint calculation and weather forecasts based on trip routes, improving user experience.

Work Experience

Queens College   **New York. NY**
STEM consultant   *Aug 2024 – Present*
- Lead workshops for CSCI 111, delivering interactive sessions to 30+ students, improving their understanding of computer science fundamentals.
- Managed the STEM Center, supporting 50+ students weekly through drop-in sessions and facilitating smooth operations for STEM-related support services.
- Taught debugging and test case writing in labs, improving students' problem-solving abilities, and debugging efficiency.

University at Buffalo   **Buffalo, NY**
Software Engineer Intern   *Aug 2022 – Feb 2023*
- Led front-end development of a gamified web application for an annual leadership conference, focusing on responsive, accessible design that increased user engagement by 25%.
- Conducted user research and applied findings to design choices, enhancing usability and reducing user onboarding time by 15%.
- Collaborated closely with a backend engineer, integrating UI components seamlessly with backend authentication and Docker services.