NASHRA ZAMAN

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https://nashrazaman.github.io/my-portfolio/index.html

EDUCATION

NEW YORK UNIVERSITY   **New York, NY**
Major in Computer Science; Minor in Integrated Digital Media   **2021-2024**
- Relevant coursework: Design and Analysis of Algorithms, Applied Internet Technology, Computer Networking, Software Engineering, Java and Web Design, Artificial Intelligence

PROFESSIONAL/TECHNICAL EXPERIENCE

NYU AUGMENTED LIBRARY   **New York, NY**
Front-End Development Team - Project Manager (iOS team)   **Jan 2024-Present**
- Developing a book recommendation feature for students with the library (Dibner) app based on their preferences
- Executing the development a machine learning model that integrates Dibner's catalog to recommend personalized books
- Administered weekly meetings with the team and set clear project goals and tasks for all members
- Coordinate and collaborate with the back-end team to ensure proper communication between the two sub-teams

NIBBLE   **New York, NY**
Front-End Lead/Full-Stack Developer (Flask & React.js)   **Sept 2023-Present**
- Building a mobile application to generate recipes from ingredients available in the user's pantry, and create grocery lists
- Leading the front-end development of the mobile application using React Native as the primary framework
- Overseeing design implementations and optimization of user interfaces for more efficient user experience
- Collaborated with the back-end team to establish API endpoints

NYU TANDON MOTORSPORTS   **New York, NY**
Front-End Software Developer   **Jan 2023-Dec 2023**
- Built and designed a GUI display using pygame displaying a speedometer, accelerometer, timer and etc to optimize user experience for the 2023 BAJA motorsports competition
- Collaborated with the media team in building and designing the NYU Tandon motorsports website
- Oversaw the auditing and modifications made on the website

GENERAL ENGINEERING DEPARTMENT, NYU   **New York, NY**
Teaching Assistant   **Aug 2022-Present**
- Collaborated with professors to lead recitations, fostering an engaging learning environment while imparting course content effectively
- Evaluated students' lab reports, presentations, quizzes, and provided constructive feedback to enhance their academic performance
- Motivate and supervised students with coursework and semester long projects

LEADERSHIP EXPERIENCE

oSTEM AT NYU TANDON   **New York, NY**
Publicity/Marketing Chair   **Aug 2023-Present**
- Conducted comprehensive in-person surveys of over 75 NYU students to inform research on effective student outreach strategies for the organization
- Enhanced engagement of biweekly meetings through strategic utilization of social media platforms and the development of printed promotional materials
- Organized over three significant events aimed at fostering student success and a sense of unity within the LGBTQ+ community

SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS (SASE), NYU   **New York, NY**
Mentor   **Sept 2022-Present**
- Provided academic guidance to first and second-year computer science majors, offering expertise in coursework selection
- Offered personal insights regarding social clubs and events to support the personal and professional development of the students
- Providing advice and personal opinions on classes and social clubs/events

SKILLS

- Technical Skills: Python, C++, Java, Javascript, C, React, React Native, Node.js, Express.js, SQL, MongoDB, HTML/CSS
- Design Skills: Adobe Illustrator, Adobe Photoshop, Procreate, Fusion 360
- Languages: Fluent in Bangla, English; Conversational Proficiency in Hindi, Urdu