

ANIKA AHMED

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EDUCATION

UNIVERSITY OF NORTH CAROLINA at Chapel Hill – Chapel Hill, NC August 2022-May 2026

Bachelor of Computer Science and Bachelor of Statistics and Analytics, Minor in Music, Ongoing

- Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Real Analysis, Linear Algebra

PROJECTS

TASKMASTER

April 2024

- Developed a comprehensive full stack task manager application using React for the front-end and MongoDB for database management. Implemented Firebase for user authentication and enhanced application functionality by integrating 3rd party APIs, including a live weather widget.

EXPERIENCE

MATH 130 UNDERGRADUATE LEARNING ASSISTANT

Spring 2024

Volunteering

- Working with students one-on-one to improve understanding of fundamental pre-calculus concepts
- Assist professor with lectures and any questions asked during class

GIRLS WHO CODE TEACHING ASSISTANT

Spring 2024

Volunteering

- Mentoring young students in programming fundamentals in Python through hands-on assistance
- Collaborated with program leaders to create engaging activities to contribute to a dynamic and inclusive learning environment

UNC COMPUTER SCIENCE + SOCIAL GOOD

Project Team – Front End Developer

Spring 2024

- Working with a team of ~20 students as a front-end web developer for the local Compass center
- Enhancing user experience with by designing and implementing user interfaces for web applications
- Developing form validation mechanisms to enhance data security

KHAN LAB, NORTH CAROLINA STATE UNIVERSITY - RALEIGH, NC

June 2021-August 2021

Chemical Engineering Lab - Intern

- Conducted experiments on the use of banana fiber in crop production and electrospun nanofibers to generate aerogels in a research lab setting
- Prepared and measured samples regularly
- Performed calculations and analysis on experimental data in Microsoft Excel

EXTRACURRICULARS

UNC BENGALI STUDENT ASSOCIATION

Fall 2023

Education Chair

- Campaigning to bring awareness to Bengali culture at UNC through social media, fundraisers, and other cultural socials/events that promote community involvement

ADDITIONAL

- Proficient in Microsoft Office Suite, Python, Java, JavaScript, R, C, Git, Tableau, React
- Member of Carolina Analytics and Data Science Club, Women in Computer Science, AI @ UNC
- Bilingual in English and Bengali, intermediate Spanish