Mohammad Zaman (Ashik)

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EDUCATION

CUNY Hunter College **Manhattan, New York**
B.A. in Computer Science *Expected Graduation, May 2027*
- **GPA:** 3.82/4.00, *Dean's List*
- **Related Coursework:** Software Development & Analysis, Discrete Structures, Computer Architecture.

New Utrecht High School **Brooklyn, New York**
- Computer Science Academy | Cumulative GPA 4.00 | Mastery in Math & Sceince   Sep 2019 - Jun 2023

WORK EXPERIENCE

Bi-lingual Tutor **Brooklyn, New York**
After-school Tutor at New Utrecht High School *Sep 2022 – Jan 2024*
- Provided one-on-one and group tutoring sessions for Algebra II, Calculus, and Physics Regents Examination preparation, provision of past Regents questions, and administration of mock exams.
- Maintained accurate records of student progress, attendance, and feedback, and communicated regularly with parents, teachers, and program coordinators to ensure alignment and support.
- Had a meaningful impact on student grades and overall test scores.

PROJECTS

A.I. Mental Health Chat Bot **Manhattan, New York**
Lead Member *May 2024 – present*
- Developed a chatbot in Python that helps users when they are struggling with many mental health difficulties.
- Used a deep understanding of Natural Language Processing libraries like NLTK.
- Utilized sentiment analysis to detect user emotion to tailor responses.
- Continuously improved the chatbot's functionality through learning and experimentation

NYC Accident Map **Manhattan, New York**
Lead Member *May 2024 – July 2020*
- Created a tool that visualizes all the accidents in the NY metro area using the folium and pandas data analysis library.
- Helped users better understand road planning vulnerabilities for specific sections and periods.

ACTIVITIES AND LEADERSHIP

Hunter College's Intro to Python TA **Manhattan, New York**
Teaching Assistant for CS 127 (Programming with Python) *June 2024 – Present*

Bengali Student Association **Manhattan, New York**
Social Media/Outreach Manager *June 2024 – Present*
- Promoted various cultural, and linguistic events for a club of 1000+ members.
- Increased participants by 50% using social media to market events to the right audience.
- Captured and edited the finest photos of board members and events boosting engagement by 20%.

Varsity Badminton **Brooklyn, New York**
Team captain/single-1 *Sep 2019 – Jun 2023*
- Ensured the team's success by overseeing practice and match schedules, nurturing team unity, and playing a vital role in game-day logistics while fulfilling my role as a player individually.
- Improved the school's win rate by working closely with other players to form an effective strategy.

SKILLS

Programming: Java, Python, HTML/CSS, C++.
Tools: Adobe Photoshop/lightroom, Premier Pro, AutoCAD, Microsoft Software Suites.
Language: English (fluent), Bangla (fluent), Hindi (intermediate), Urdu (intermediate).