Alif Rahman

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EDUCATION

Macaulay Honors College at Hunter College   **Expected May 2026**
- GPA: 4.0
- Major: Computer Science and Statistics
- Relevant Coursework: DSA, Data Analysis, Statistics, Linear Algebra, Calculus, Computer Architecture

Stuyvesant High School   **Jun 2023**
- GPA: 4.0
- Awards: National Merit Finalist, AP Scholar Award

WORK EXPERIENCE

Raelion LLC, Software Engineer Intern   **Aug 2024 – Present**
- Designing and developing a full-stack website to push this startup into ecommerce
- Utlizing MongoDB, ExpressJS, React, and NodeJS
- Working in a team with two other interns

Codepath, Tech Fellow   **May 2024 – Present**
- Teaching over 350 students virtually about data structures and algorithms
- Mentoring four groups of five students individually on technical interviewing
- Provide 1-on-1 mock interviews in collaboration with Georgia State University and Florida State University

NYC BOE, Poll Worker   **Nov 2022 – Present**
- Provide voter service as a part-time worker in poll sites throughout Brooklyn
- Ensured over 1,000 votes were placed during each voting cycle
- Operated on machines used for voter identification, ballot marking, and ballot scanning

ACTIVITIES

Google Software Engineering Program (G-SWEP) via ProjectBasta, Software Engineering Fellow   **Mar 2024 – Present**
- Selected as one of 80 participants, outperforming 350+ applicants
- Participated in 10 weeks of rigorous, technical mentoring sessions with a Google SWE
- Attend workshops designed to enhance technical problem-solving and interview skills

Hunter College Wrestling, Operations Manager   **Sep 2023 – Aug 2024**
- Managed the wrestling team; record videos, post on social media, book hotel reservations for meets
- Designed small programs to help scrap relevant data for operations

Achievement First Apollo Middle School, Digital Tutor for Gifted and Talented Students   **Sep 2021 – Aug 2023**
- Meet weekly on a discord server to tutor over 100 students on SHSAT and Data Structures and Algorithms
- Typically boosts scores over 50 points on SHSAT and has students complete 3 coding problems a week

PROJECTS

Data Analysis of NYC Buildings   **Sep 2023**
- Jupyter Notebook showcasing data analysis of statistics on NYC buildings based on the NYC clean heat dataset
- Used for a presentation to city council on how to make NYC buildings more environmentally sustainable
- Python – specifically pandas and folium

Web Scrape Program   **Oct 2023**
- Designed a program to scrape websites and retrieve data on Hunter College wrestlers
- Python – specifically BeautifulSoup

ADDITIONAL

Technical Skills: Python, Java, C++, Javascript, MongoDB, Express, React, Node, Firebase

Languages: Fluent in English; Conversational Proficiency in Bangla, Spanish

Certificates: Codepath Cybersecurity Certificate