ALFARDIL ALAM

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EDUCATION

New York University, College of Arts and Science, New York, NY **Sep 2023 – May 2027**
Bachelor of Arts, Computer Science and Mathematics
Stuyvesant High School, New York, NY **Sep 2019 – Jun 2023**
Regents Diploma with Advanced Designation
SAT: 1530 | Overall GPA: 4.0

EXPERIENCE

SHSAT and SAT Instructor, **Synergy Prep** **Feb 2023 – Present**
- Prepared 7th and 8th graders for the SHSAT with customized math, reading, and grammar lessons.
- Supplemented 11th graders with enriching AMC solutions and provided relevant college tips.
- Increased SHSAT and SAT diagnostic scores by up to 53% and 37%, respectively.

Software Engineering Fellow, **Headstarter** **Jul 2024 – Sept 2024**
- Coached by Amazon, Bloomberg, and Capital One engineers to build 3+ apps utilizing NextJS, OpenAI, Firebase, Pinecone, and StripeAPI.
- Developed projects from design to deployment in tandem with 3 engineering fellows using MVC design patterns.

Intern, **Concrete Safaris** **Jul 2022 – Aug 2022**
- Coordinated with team members to develop and implement environmental projects, using project management software to track progress and deliverables.
- Led environmental education programs for middle school students, using data collection tools to document and analyze urban green spaces.

LEADERSHIP ACTIVITIES

Captain, **Men's Ultimate Frisbee** **Sept 2021 – Present**
- Handled more than $15,000 in alumni donations and school funding to compete at multiple out-of-state tournaments with a roster of 25 athletes, culminating in State Championships.
- Managed social media accounts, creating highlight reels attracting hundreds of followers and thousands of viewers.

Secretary, **Masjid-ul Mumineen** **Sept 2018 – Dec 2022**
- Organized and managed logistics for community events, including back-to-school events, Ramadan iftars, and Eid prayers, with attendance of up to 700 participants.
- Facilitated communication between the mosque board, community members, and NYPD through Google Calendar and Google Forms, enhancing event planning and coordination.

PROJECTS

*KlabKraft***, Custom Minecraft Mod** **Jun 2024 – Present**
- Utilized Minecraft Forge API and Java to seamlessly register custom items, blocks, and recipes into existing Minecraft features.
- Leveraged Gradle for build automation, dependency management, and project configuration.

StockUp, **Inventory Management Website** **Aug 2024**
- Deployed a user-friendly inventory management app with the use of NextJS, React, Firebase and Material UI.
- Implemented real-time data synchronization and ensured scalable performance by deploying through Vercel.

SKILLS

Skills: Python, Java, Javascript, NextJS, React, HTML, CSS, Firebase, NumPy, Matplotlib, Unix, Data Analysis
Tools: GitHub, VSCode, XCode, Google Colab, Figma