

# ALFARDIL ALAM

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## EDUCATION

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**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

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**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+ web apps utilizing NextJS, OpenAI, Firebase, Clerk, 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

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**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

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**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

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**Skills:** Python, Java, Javascript, NextJS, React, HTML, CSS, Firebase, NumPy, Matplotlib, Unix, Data Analysis

**Tools:** GitHub, VSCode, XCode, Google Colab, Figma