SHEIKH SAYEED ISLAM

s.sayeed3112@gmail.com | LinkedIn

EDUCATION

Dhaka Residential Model College   **Class of 2026**
- Pursuing knowledge for the Higher Secondary Certificate(HSC)

Dhaka Residential Model College   **June 2024**
- Graduated the SSC exam with a GPA of 5 with 92% marks

WORK EXPERIENCE

The New York Academy of Sciences   **September 2025 - Current**
Research Intern & Team Leader
- Leading a global team of young researchers to develop sustainable solar energy solutions.
- Coordinating milestone submissions, project planning, and mentor communication.

Zooniverse   **January 2025 - Current**
Research Volunteer - Freelance
- Assisted with climate data classification through the Zooniverse platform to support academic research on environmental change.
- Assisted NASA's cloudspotting on Mars project by examining infrared data collected from the Mars Reconnaissance Orbiter to detect and categorize high-altitude cloud arches within the Martian atmosphere.

International Model United Nations Association (IMUN)   **October 2024 - Current**
Campus Ambassador - Intern
- Represented IMUN on campus, promoting Model UN participation among students, and helped to organize and encourage the International Model UN conference.

International Youth Math Challenge (IYMC)   **September 2025 - Current**
Campus Ambassador - Intern
- Promoted IYMC among students globally and encouraged participation in the competition.
- Represented IYMC in my community and networked with students and educators.

Tech & Sci Hub, *a nonprofit organization*   **September 2024**
Founder
- Founded Tech & Sci Hub, a non-profit initiative focused on providing STEM education, resources, and mentoring to underprivileged and rural students.
- Assisted people during the heat wave and flood by providing drinking water and dry food.

DRMC Social Service Club (DRMCSSC)   **December 2024 - Current**
Volunteer and Executive
- Participated and fundraised for community outreach programs, charity events, and awareness campaigns organized by the DRMC Social Service Club.
- Helped plan and carry out donation drives, educational workshops, and volunteer activities aimed at assisting underprivileged communities.

Remain Debating Society (RDS)   **September 2023 - January 2025**
Former Debater
- Represented the Remain Debating Society in intra-college and inter-college debate tournaments.
- Participated in a competitive debate event, honing public speaking, critical thinking, and teamwork skills.

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PROJECT

Virtual Mouse Pointer - Personal Project
- Built a gesture-controlled mouse using Python and computer vision libraries (OpenCV, MediaPipe) integrated with PyAutoGUI for OS-level Control.
- Achieved smooth real-time cursor tracking at ~30 FPS by optimizing frame processing and landmark detection.
- Open-sourced the project on GitHub with a detailed README and installation guide.

WeatherNow - Harvard CS50X Final Project
- Built a full-stack weather application through Flask (Python), HTML, CSS, and SQLite for data storage.
- Implemented user authentication (login/register system) and weather history tracking.
- Designed responsive UI and integrated dynamic updates using JavaScript.

Amazon Clone - Personal Project
- Designed and coded a front-end clone of Amazon using HTML and CSS.
- Implemented structured components like navigation, product grid, and footer.
- Enhanced understanding of website layout and styling best practices.

SKILLS/INTERESTS

Computer Programming: Proficient in Python, C, HTML/CSS, JavaScript
Languages: Fluent in English and Bangla
Interest: Coding, solving problems, reading journals, watching documentaries