Arifa Alam

Dhaka, Bangladesh

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Education

Brac University   **Math, CS; Double Major**
College   *Dhaka, Bangladesh*

Saint Francis Xavier's Girls' School & College
High School   *Dhaka, Bangladesh*

Tikatuli Kamrunnesa Govt. Girls' High School
High School   *Dhaka, Bangladesh*

Achievements

- **European Girls' Mathematical Olympiad (EGMO):** Bronze Medal in the in 2023 and honorable mention in 2022 and contestant at 2021

- **Bangladesh Mathematical Olympiad(BdMO):** IMO Camp Participant 2023; Team Selection Test Participant 2022-2023; National Camp Participant 2021-2023

- **Bangladesh Olympiad in Informatics (BdOI):** Qualified for the national round in 2023

- **Bigganchinta:** Best volunteer award in 2019

Technical Skills

Languages: C++, CSS, HTML, TypeScript, Python, LaTeX
Technologies: Bashscript, Linux(EndeavorOS), NeoVim, GitHub, Touchtyping(70wpm)
Mathematical Interests: Geometry, Combinatorics, Number Theory

Experience

re:tune   **October 2024 – Current**
Intern   *Remote*
- Created Framework called Re:Frame using NextJS Framework, TypeScript

Gonitzoggo   **September 2023 – Current**
Academic Team Member, Coordinator   *Remote, Part-time*
- Mentored 200+ students throughout the course

- Written notes and problemsets with LaTeX

- Hosted calibration contests.

TEMS (Truthful Enlightened Mathematical Soul)   **December 2023 – January 2025**
Instructor, Part-time   *Dhaka, Bangladesh*
- Mentored 100+ students

- Provided practice materials, problems sets; graded their answer papers

BRAC University — CSE422   **May 2024 – August 2024**
Lecture Support Aid   *Dhaka, Part-Time*
- Edited teaching materials with LaTeXfor the CSE422 (Artificial Intelligence) course, weekly

Voluntary Works

Bangladesh Mathematical Olympiad (BDMO)   **December 2023 – Current**
Academic Team Member   *Bangladesh*

Bangladesh Girls' Math Foundation (BGMF)   **August 2023 – Current**
Academic Team Member   *Bangladesh*

Gonit School   **April 2023 – Current**
Writer   *Remote*

Bigganchinta   **March 2019 – March 2020**
Volunteer   *Dhaka, Bangladesh*

Kishor Alo   **March 2018 – March 2020**
Volunteer   *Dhaka, Bangladesh*