

# ARIFA ALAM

Dhaka, Bangladesh

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## Education

### Tikatuli Kamrunnesa Govt. Girls' High School

High School

Dhaka, Bangladesh

### Saint Francis Xavier's Girls' School & College

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++, Python, CSS, HTML,  $\text{\LaTeX}$

**Technologies:** Linux(EndeavorOS), NeoVim, GitHub, Touch typing(70wpm)

**Mathematical Interests:** Geometry, Combinatorics

## Experience

### Gonitzoggo

September 2023 – Current

Academic Team Member

Remote

- Mentored 200+ students throughout the course
- Mentored 50+ female math contestants exclusively
- Written notes and problemsets with  $\text{\LaTeX}$

### Gonitzoggo

March 2024 – Current

Coordinator

Remote

- Host of the calibration contests.

### TEMS (Truthful Enlightened Mathematical Soul)

December 2023 – Current

Instructor

Dhaka, Bangladesh

- Mentored 100+ students
- Provided practice materials, problems sets; graded their answerpapers

### BRAC University — CSE422

May 2024 – Current

Lecture Support Aid

Dhaka, Bangladesh

- Edited teaching materials with  $\text{\LaTeX}$ for 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