



MAHTASIM MASRAFI CHOWDHURY

Student | Robotics Enthusiast | Innovator

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Links

<https://mahtasim.com>

<https://github.com/Mahtasim06>

<https://linktr.ee/mahtasim>

<https://t.me/mahtasim06>

Education

Secondary School Certificate

Dhaka Board

GPA 5.00 in SSC25

Dhaka Residential Model College
2017 - 2025

After SSC English Course

Mentors'

84% Marks in test Performance
2025

Higher Secondary Certificate Candidate 2027

Currently studying in Dhaka
Residential Model College

HSC27 Candidate
2025 - 2027

Skills

- Robotics and Embedded Systems
- IoT Project Development
- STEM Competition Participation
- Scientific Problem-Solving
- Presentation Skills
- Networking
- Negotiation Skills

Language

- Native in Bangla
- Fluent in English
- Good in Hindi

About Myself

I am Mahtasim, currently living in Dhaka. I am a passionate student interested in Robotics, Embedded systems, and Scientific problem-solving. I actively Participate in Robotics projects, STEM competitions, and academic Olympiads. I enjoy building Innovative solutions using technology and continuously seek opportunities to learn, collaborate, and contribute to the world of Science and Engineering.

Professional Experience

2023 - Team Member — Oxygen Robotics

Worked on following Robotics projects:

- 2025** • **RoboSentinel** : A robot designed to monitor and secure a house when the owners are away.
- **RoboCurator** : An autonomous robot designed to collect balls in an Olympic-style challenge.
- **PatientPal** : A robot designed to assist and monitor elderly or sick people at home.
- **Phoenix Echo** : A robot designed to assist in disaster rescue operations.

2025 - Panel Member at Bangladesh Olympiadians Hub

Worked at Bangladesh Olympiadians Hub to guide participants in participating different olympiads

2026

2025 - Co-Head of Academics at FCA Math Club

Working in the Academics Section at FCA Math Club which is a non-profit Organization

2026

2026 - Executive Member at Oxygen Robotics

Working as an Executive member of Special Initiative at Oxygen Robotics

Achievements

- **Winner and Participant** in the "Children for Peace" World Children's Conference in Russia (2026)
- **Bronze Medalist**, International German Math Olympiad – Online Final Round (2026)
- **Bronze Honor**, International Youth Math Challenge (2025)
- **Champion**, Bangladesh Olympiad on Climate Change and Environmental Issues (BOCE) – **National Round** (2026)
- **National Finalist**, Bangladesh Robot Olympiad (BDRO) – 2023, 2025
- **National Finalist**, Bangladesh Mathematical Olympiad (BDMO) – 2025
- **National Finalist**, Bangladesh Biology Olympiad (BDBO) – 2024, 2025, 2026
- **National Finalist**, Bangladesh Economics Olympiad (BDEO) – 2024, 2025, 2026
- **National Finalist**, Bangladesh Junior Science Olympiad (BDJSO) – 2025
- **1st Runner-Up**, BDMO Regional Round (2025)
- **1st Runner-Up**, BDBO Regional Round (2025, 2026)
- **1st Runner-Up**, BDJSO Regional Round (2025)
- **1st Runner-Up (Project Display)**, BCIC College Science Fest (2023)
- **1st Runner-Up (Project Display)**, SAGC Mega Science Fest (2024)
- **Runner-Up (Project Display)**, DRMC Tech Carnival (2024)
- **2nd Place, "Heritage in Frames"** – DRMC Ramadan Festival (2024)
- **1st Runner-Up, Robotics Olympiad** – DRMC Science Carnival (2026)
- **2nd Runner-Up**, BDBO Regional Round (2024)
- **2nd Runner-Up (Project Display)**, AIUB CS Fest (2024)
- **2nd Runner-Up, Robotics Olympiad** – BUET Robo Carnival (2026)
- **3rd Place, Math Olympiad** – DRMC Inter-House Math Olympiad (2026)

Other Workings

Robotics:

- Developed a **Smart IoT Home Automation System**
- Developed a **Surveillance Car, Line-Following Car, Fire-Fighting Car, Bluetooth-Controlled Car**

Volunteering:

- **Senior Volunteer** at DRMC Math Club
- **Volunteered** at 2nd DRMC National Math Summit 2025
- **Local Representative** at International Physics Competition 2026
- **Campus Ambassador** at 22nd National Language Fiesta 2026