

# Sabrina Mostafa

Competitive Programmer, Problem solver, Quick Learner.

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## EDUCATION

International Islamic University Chittagong, Chattogram

— B.Sc. in CSE (APRIL 2020 - PRESENT)  
→ CGPA - 3.560/4

Bangladesh Mahila Samiti Girls' High School and College, Chattogram

— HSC from Science Group (JULY 2016 - MAY 2019)  
→ CGPA - 4.33/5

Chittagong Ideal High School and College, Chattogram

— SSC from Science Group (JANUARY 2013 - FEBRUARY 2016)  
→ CGPA - 5.00/5

## HONORS & ACCOMPLISHMENTS

IIUC POWERPUFF GIRLS PROGRAMMING CONTEST 2022

➤ Rank: **4th.** ([Ranklist](#))

IIUC Intra University Female Programming Contest Autumn 2021

➤ Rank: **7th.** ([Ranklist](#))

IIUC Intra-University Programming Contest Autumn 2022

➤ Rank: **26th.** (2nd Best Female Team) ([Ranklist](#))  
(Team Name: GrayMatterGone\_5th)

CSE FEST 2022 Intra Department Programming Contest

➤ Rank: **56th.** ([Ranklist](#))

National Girls' Programming Contest 2021

➤ Rank: **58th.** ([Ranklist](#)) (Team Name: IIUC\_Three\_Hold\_Risk)

National Girls' Programming Contest 2022

➤ Rank: **91st.** ([Ranklist](#)) (Team Name: IIUC\_GrayMatterGone)

13th National Undergraduate Mathematics Olympiad 2022

— By Dept. of Mathematics, CUET. (Chattogram Region)  
➤ Rank: **27th.**

## RELATED EXPERIENCE

International Islamic University Chittagong, Chattogram

— **Teaching Assistant** (MAY 2023 - PRESENT)

- **Courses:** Computer Programming 2 (C++), Operating System.
- Keeping track of students' progress and conducting lab classes.

## PROJECTS

Medical Clinic Website — [Medico](#) ([GitHub](#))

- Developed Back-End on JS, PHP & MySQL and Front-End using HTML & CSS.
- Added features for users to contact & appoint doctors and also give reviews.

Social Media App — [GitHub](#)

- GUI project (Web-Application) based on Python (Django).
- Added features for users to socialize & chat, also added features for admin to control the Web App.

Bank Management System — [GitHub](#)

- CLI project based on Python.

Gas Leakage Detection with Arduino — [GitHub](#)

- Arduino-based project to detect the exitance of gas by MQ-6 Gas Sensor.

## ONLINE JUDGE PROFILES

Codeforces — [sabrina\\_mostafa](#)

→ Solved **550+** problems.

CodeChef — [sabrina\\_001](#)

→ Solved **62+** problems.

UVA — [sabrina\\_mostafa](#)

→ Solved **43+** problems.

AtCoder — [sabrina\\_mostafa](#)

→ Solved **30+** problems.

LightOJ — [sabrina\\_mostafa](#)

→ Solved **8+** problems.

SPOJ — [sabrina\\_001](#)

→ Solved **5+** problems.

LeetCode — [sabrina\\_mostafa](#)

→ Solved **4+** problems.

❖ Solved Total **700+** problems in different Online Judges platforms.

❖ Participated in about **100+** online contests.

Stopstalk — [sabrina\\_mostafa](#)

## TECHNICAL SKILLS

★ **Programming Languages** — Proficient in C & C++. Familiar with Python.

★ **Object Oriented Programming** — C++, Python (Familiar).

★ **Framework** — Django (Familiar).

★ **Database** — MySQL, Oracle.

★ **Familiar with** — HTML5, CSS3, JavaScript.

★ **Interested in Problem Solving, Data structure & Algorithms.**

★ **Operating System** — Proficient in Windows, Familiar with Ubuntu.

★ **Version Control System** — GitHub (Familiar)

★ **Project Management.**

★ **Leadership.**

★ **Team Work.**

## EXTRACURRICULAR ACTIVITIES

IIUC Computer Club, Chattogram

— **Assistant Cultural and Event Secretary**

(NOVEMBER 2021 - APRIL 2023)

IIUC Female Competitive Programming

Community, Chattogram — **Volunteer**

(NOVEMBER 2021 - PRESENT)

Bangladesh Youth Leadership Center(BYLC), Dhaka — **CareerX alumni**

(MARCH 2023 - PRESENT)