

HABIBULLAH

Competitive Programmer & Teaching Assistant

 Mirpur-2, Dhaka
 Habib Ullah

 +880 1957656926

 habibullah@bubt.edu.bd

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EXPERIENCES

Teaching Assistant

Bangladesh University of Business and Technology

 January 2023 – Current

 Dhaka, Bangladesh

CSE 112 : Structure Programming Language Lab

- ▶ Help to prepare question papers, mark schemes, taking contests, conducting lab sessions.
- ▶ Providing guidance to students in understanding programming concepts and evaluate assignments.

Competitive Programming Instructor

BUBT Programming Community

 Feb 2021 – Jan 2023

 Dhaka, Bangladesh

- ▶ Conducting classes on different topics of competitive programming like Data Structures and Algorithms, etc.
- ▶ Preparing problem sets for the BIUPC and keeping regular performance updates of the contestants.

ACHIEVEMENTS

-  Honorable Mention among 165 teams ICPC DHAKA REGIONAL 2021
-  Solved 1600+ programming problems in different online programming judges.
-  30th among 300+ teams in Orbitax SUST SWE Technovent Brain Station 23 Hackathon 2023.
-  Placed 19th among 54 teams in UITS IUPC 2023
-  Placed 7th among 35 teams in UITS Collaborative Programming Contest 2022 (BUBT, IUBAT, UITS)
-  Placed 2nd among 50 participants in BUBT Intra-University Programming Contest 2020
-  Hold Position in Top 5th in all 6 BUBT Intra-University Programming Contest
-  Placed 5th in Bangladesh and positioned 229th among 7000+ contestant in Codechef Round COOK141D
-  Runners-up among 1000+ contestant in Battle of Intelligence 2.0
-  Max rating 1468 in Codechef , Max rating 1370 in Codeforces and Max rating 1452 in Leetcode

PROJECTS

CODEMIND |

26th – 28th Jan 2023

React, Mern Stack

- ▶ BS-23 Hackathon - React and MERN Stack-based algorithm visualizer.
- ▶ Programming help platform with OpenAI Assistant integration site.

Tutor Finder Application |

Mar 2022 – Jun 2022

Flutter

- ▶ Flutter-based cross-platform mobile application.
- ▶ For finding and connecting with local tutors sorted by ratings, subjects, and profiles.

Smart Phone Shop Ecommerce Website |

Aug 2021 – Nov 2021

PHP, MySQL, Javascript

- ▶ PHP, MySQL, HTML, CSS, and JavaScript-powered E-commerce shopping website.
- ▶ Payment gateway and order system.

Desktop and Laptop shop system |

Jan 2021 – Mar 2021

C#, Dot Net, MySQL

- ▶ A Desktop application built with C# and Dot Net.
- ▶ Using Visual Studio, utilizing a MySQL database to manage and store data.

TECHNICAL SKILLS

Programming Languages:	C, C++, Python, Java, JavaScript, SQL.
Frameworks & Libraries :	PyTorch, Numpy, Pandas, TensorFlow.
Database :	Oracle, MySQL , MongoDB.
IDE :	Visual Studio, Visual Studio Code, CodeBlocks, Sublime Text, Android Studio.
Other Tools :	Git & Github, Latex , Linux.

CO-CURRICULAR ACTIVITIES

Problem Solver

Feb 2019 – Current

- ▶ Participated in 4 onsite programming contest.
- ▶ Participated in 300+ online programming contests during my 4 years of the undergraduate program.

Problem Setter & Judge

Nov 2021 – Current

BUBT Programming Community

- ▶ Planning, managing, writing & collecting problem-sets and tests the problem datasets in BIUPC.
- ▶ Judge in BUBT Intra Programming Contest 2022 and 2023.

Organizer and Coordinator Experience

Feb 2019 – Current

- ▶ Part of the coordinator team in **ICPC Asia-West continent Final 2021**
- ▶ Head of the Organizer and coordinator at **Programming Camp BUBT 2022 & 2023**
- ▶ Part of the coordinator and manager team in **National IT competition for Youth and Disabilities in 2023**
- ▶ Soft Skills Problem-Solving, Critical Thinking, Communication, Teamwork, Creativity, Attention to Detail, Responsibility.

Workshop Experience

Sept 2022

IIT, University of Dhaka

The role of mathematics in critical thinking by Jubayer Rahman Nirjhor (AlphaQ) and other top IMC(IOI) members.

- ▶ Solving and analyzing Math Olympiad techniques in programming.

EDUCATION

B.Sc. in Computer Science and Engineering

Bangladesh University of Business and Technology

Feb 2019 – April 2023

 Mirpur-2, Dhaka, Bangladesh

 CGPA: 3.79 (out of 4.00)

RESEARCH WORKS

Human Activity Recognition using Deep Learning Approach

B.Sc Project and Thesis

 March 2022 - May 2023

 Python, Google Colab, Anaconda, Tensorflow

Improve CNN with Transfer Learning Approach for Cat and Dog Image Classify

NCIM-2023

 Submitted - May 2023

 Python, Google Colab, Anaconda

A Practical Approach of Threat Modeling against Realworld Adversaries for FinTech

IEEE CS

BDC SS 2022

 Accepted - Nov 2022

 Python, Google Colab

REFERENCE

Md. Saifur Rahman

Assistant Professor & Chairman , Computer Science & Engineering
Bangladesh University of Business and Technology

 saifurs@gmail.com
 +880 1746-507101