

HABIBULLAH

Competitive Programmer & Teaching Assistant

 Mirpur-2, Dhaka
 Habib Ullah

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 [habib-e](#)



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)

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.

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 BCD SS 2022

[IEEE CS](#)

 Accepted - Nov 2022

 Python, Google Colab

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.

EXTRA-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.	

REFERENCE

Md. Saifur Rahman

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

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