Mohammad Abu Bakkar Siddik

siddik56u@gmail.com | +8801879097422 | Github | LinkedIn

EDUCATION

B. Sc. in Computer Science & Engineering   January 2021 – January 2025
International Islamic University Chittagong
Chittagong, Bangladesh
CGPA: **3.824** out of **4.00**

COMPETITIVE PROGRAMMING BACKGROUND

Online Judges
- **Codeforces**
  Username: Abs_Shagor56 | Max Rating: 1449(Specialist)
- **Codechef**
  Username: abs_shagor56 | Max Rating: 1704(3*)
- **Leetcode**
  Username: AbsShagor56 | Max Rating: 1608(Top 21%)

Programming Contest
Participated in **15+** national-level onsite programming contests and **150+** online programming contests.

Problem Solving
Solved **2000+** problems in various coding platforms, including Codeforces, Codechef, CSES, UVa, Leetcode etc.

ACHIEVEMENTS

International Collegiate Programming Contest (ICPC)
- Qualified for and participated in **International Collegiate Programming Contest (ICPC) Asia Dhaka Regional** 2023 hosted by Bangladesh University of Business and Technology (BUBT).

Inter University Programming Contest (IUPC)
- 2nd Runner Up among 70 Teams in **IIUC Inter University Programming Contest (IUPC)** 2023.
- 11th among 48 Teams in **CU Inter University Programming Contest (IUPC)** 2024.
- 24th among 108 Teams in **IUT Inter University Programming Contest (IUPC)** 2024.
- 25th among 70 Teams in **PU Inter University Programming Contest (IUPC)** 2024.
- 43th among 160 Teams in **KUET Inter University Programming Contest (IUPC)** 2025.
- Also participated in **BUET IUPC, CUET IUPC, SUST IUPC, SEC IUPC.**

Intra-University Programming Contest (IUPC)
- 2nd Runner Up in **IIUC Intra-University Programming Contest 2021** organized by IIUCCPS.
- 2nd Runner Up in **IIUC Intra-University Programming Contest 2023** organized by IIUCCPS.

Best Performer
- Competitive Programming Bootcamp Spring 2022 hosted by IIUCCPS, IIUC

Team Name: Big_Brothers   **Handle:** C211056 x ABS_SHAGOR

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript

Web Technology: HTML5, CSS3

Tools and Frameworks: Selenium (Web Automation), Tailwind, DaisyUI, Scikit-learn, NumPy, Pandas, Matplotlib, TensorFlow, Keras.

Machine Learning & Deep Learning: Supervised Learning (Regression & Classification), Computer Vision (CNN & Transfer Learning), Evaluation metrics (F1, Recall, Precision, Accuracy etc.).

Data Structure & Algorithm: Proficient in DSA, with hands-on experience in solving complex problems efficiently.

Version Control: Git, GitHub.

Others: MS-word, Excel, PowerPoint, latex (basic).

EXPERIENCE

Teaching Assistant   July 2024 – December 2024
Dept. of CSE, International Islamic University Chittagong
Course Title:
      i. Competitive Programming 1
      ii. Competitive Programming 2

Competitive Programming Bootcamp Mentor   January 2022 – June 2022
Dept. of CSE, International Islamic University Chittagong

RESEARCH EXPERIENCES

Deep Learning Approach to Detect Autism Spectrum Disorder (ASD)   January 2025 – March 2025

In this research, I developed a deep learning-based system to predict ASD in toddlers using facial images and behavioral features. An integrated dataset was created by merging two existing datasets based on gender and class. Trained several Convolutional Neural Network models, the top-performing model achieved an accuracy of 98.43%.