Md Akib Haider

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⊙ Github: github.com/akibhaider ● 🔗 LinkedIn: Md Akib Haider

Research Interests: *Computer Vision, Deep Learning, Medical Imaging*

WORK EXPERIENCE

App Design and Development — November 2024 – Present
SwadeshBazar, Chelmsford, UK

- E-Commerce Cross-Platform Application for a start-up using Flutter

RESEARCH EXPERIENCE

Computer Vision Research Lab — February 2025 – Present
Department of CSE, Islamic University of Technology

- Working on ADNI-4 MRI image dataset and its preprocessing methods to improve CN (Cognitively Normal) classification and predict MCI (Mild Cognitive Impairment) conversion

EDUCATION

Islamic University of Technology (IUT) — Aug 2022 – Present
B.Sc. in Computer Science and Engineering

- **CGPA**: 3.89/4.0 [upto 6th Semester]
- **Notable Coursework:** Data Structures, Algorithms, Operating Systems, Discrete Mathematics, Linear Algebra, Object Oriented Programming, Database Management Systems, Machine Learning, Software Development and Design, Computer Networks, Microprocessor and Assembly Language

Notre Dame College (NDC) — 2019 – 2021
Higher Secondary School Certificate (HSC), Science

- **GPA**: 5.0/5.0 (**Government Scholarship** Awardee, among **top 0.3%** in Bangladesh)

PROJECTS

Better_SIS, University Management System — *Dart, C++, Swift, Flutter, Docker* — ⊙ Github

- Student Information System of Islamic University of Technology (IUT)
- Academic Activity and Internal Service Management System for students, teachers and staff

Xchange, File Sharing System — *Socket Programming, Java* — ⊙ Github

- Secure, Fast and Efficient peer-to-peer File Transfer on same local network, eliminating internet connection need
- Communication in critical times (*like July Revolution in BD*), significant time reduction in large file transfer

Typrophecy, Typing Testing on Custom Text — *Typescript, Next.JS, Nest.JS* — ⊙ Github

- Practice and Test typing speed on custom text (programming or human languages) instead of random words
- Learn new programming languages (Basic syntax, methods etc) or improve vocabulary through typing

TECHNICAL SKILLS

Languages: C/C++, Python, Java, Javascript, Typescript, Bash, Dart

Framework & Libraries: Flutter, NumPy, Pandas, OpenCV, Matplotlib, Bootstrap, Next, Nest, React, Swing, JavaFX

Database: SQLAlchemy, PostgreSQL, Prisma, PL/SQL, SQLite

Prototyping: Figma, Adobe Illustrator

Version Control: Git Bash, GitHub Desktop, Sourcetree

Typesetting: LATEX, Markdown

HONORS, AWARDS & ACHIEVEMENTS

Science and Technology

- **Problem Setter:** Intra-IUT Junior Programming Contest Github 2025
- **Programming Contest**
  - **5th Runner-Up**, Intra-IUT Junior Programming Contest 2024
  - **52nd** (out of 115 teams), IUT 11th National ICT Fest Programming Contest 2024
  - **102nd** (out of 300+ teams), ICPC Asia Dhaka Regional Onsite Contest 2024
- **Hackathon**
  - **Champion** in Coderush 2.0, Intra University ICT Fest Hackathon Github 2025
- **Divisional Winner** at Bangladesh Math Olympiad (BDMO), Bangladesh Biology Olympiad (BDBO) and National Earth Olympiad (NEO) 2018, 2019
- **Rank 8th** in Dhaka Board, received **scholarships** from the Government, KIB-Bangladesh, Scholars Forum, and, Sher-e-Bangla Memorial Scholarship 2019-2022

Games & Sports

- **Champion** at *Intra-Departmental Futsal Tournament* 2023
- All Bangladesh **rank 49** at *37th National Sub-Junior Chess Championship* 2018

Literature & Creative Work

- **Delegate (Script Writing)** at *6th International Children Film Festival* 2013
- **UNICEF-Meena Media Award** winner for creative work in print media 2012-13

LEADERSHIP & VOLUNTARY ACTIVITIES

Instructor, IUT ACM Community August 2024 - Present

- Mentor for sophomore **Competitive Programming** aspirants
- Organized and conducted weekly classes

Organizer, Intra-IUT Junior Programming Contest May 2025

- Event head in Intra-IUT Junior Programming Contest at Coderush 2.0 organized by IUT Computer Society

Software Sub-Team Member, Project Altair at IUT Robotics Society 2023 - 2024

- Contributed in Software Sub-Team of Project Altair that led to a **global 6th place** and **Best Science Team award** in International Rover Challenge (IRC) in 2024
- Sub-Executive of Creative department at *IUT Robotics Society*

Vice President, Notre Dame English Club 2019 - 2022

- Organized *6th National English Carnival in 2020*
- Organized *Litbuzz 3.0*, Literature and Pop-Culture Quiz Competition in 2021

EXTRACURRICULAR ACTIVITIES

Competitive Programming _akibhaider_

Participated in 100+ contests and solved 1000+ problems across many online judges

- All Bangladesh **rank 37**, Global **rank 1536** in Codeforces Round 944

Sports: Passionate about playing futsal, tennis, and table tennis

Anchoring and Hosting

- Anchored in *Annual Cultural & Prize Giving Ceremony* at Ideal School & College 2019
- Conducted 11th and 12th workshop on "*English Olympiad*" and "*Extempore Speech & Turncoat Debating*" organized by Ideal English Language Club 2017, 2018