Md Akib Haider

🌐 Website: akibhaider.github.io • ✉ Email: akibhaider@iut-dhaka.edu • 📍 Address: Boardbazar, Gazipur •
 Github: github.com/akibhaider • in LinkedIn: Md Akib Haider

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

WORK EXPERIENCE

App Design and Development   November 2024 – Present
SwadeshBazar, Chemsford, UK

- E-Commerce Application with Agentic-AI features for a start-up using Flutter and Node.JS

RESEARCH EXPERIENCE

Computer Vision Research Lab   February 2024 – Present
Department of CSE, Islamic University of Technology

- Exploring ADNI4 MRI image dataset and its processing for CN classification and MCI concersion prediction

EDUCATION

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

- **CGPA**: 3.89/4.0 (**10th** in class) [upto 5th Semester]
- **Notable Coursework:** Structured Programming, Data Structures, Algorithms, Operating Systems, Discrete Mathematics, Linear Algebra, Object Oriented Programming, Database Management Systems, Simulation and Modeling, 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++, Docker*   Github

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

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

- Secure, Fast and Efficient peer-to-peer File Transfer on same local network, omitting internet connection need
- Communication in critical times *July Revolution, Bangladesh*), 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 vocabulary (GRE preparation) 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

- **Programming Contest**
  - **5th Runner-Up**, Intra-IUT Junior Programming Contest — 2024
  - **52th** (out of 115 teams), IUT 11th National ICT Fest Programming Contest — 2024
  - **102th** (out of 300+ teams), ICPC Asia Dhaka Regional Onsite Contest — 2024
- **Divisional Winner** at Bangladesh Math Olympiad (BDMO), Bangladesh Biology Onlypiad (BDBO) and National Earth Olypmiad (NEO) — 2018, 2019
- **rank 8th** in Dhaka Board, Several **Scholarship** from Government and KIB Bangladesh, Scholars Forum Bangladesh, Shere-Bangla Memorial Scholarship for — 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 of sophomore year **Competitive Programming** aspirants
- Organized and conducted weekly classes
- Created problemset for weekly practice contests

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

- Contributed in Software Sub-Team of Project Altair that lead winning global rank **6th** and **Best Science Team** 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 in playing Futsal, Tennis and Table Tennis

Anchoring and Hosting

- Anchored in *Annual Cultural & Prize Giving Ceremony* at Ideal School & College — 2019
- Hosted 11th and 12th IELC (Ideal English Language Club) workshop on *English Olympiad* and *Extempore Speech & Turncoat Debate* at Ideal School & College — 2017, 2018

CERTIFICATIONS

- **Machine Learning Specialization**, Coursera (Andrew Ng) — 2024