

Ahsan Habib | Candidate for FYAT Mentor (Spring 2026)

Department of Computer Science and Engineering – BRAC University

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in ahsan-habib-0b3a62230

Student Information

Student ID: 22201027

Department: Computer Science and Engineering (CSE)

Status: Undergraduate (Final Year)

Personal Email: ahsanauddry.ndc@gmail.com

Profile

I am a final-year CSE student (96+ credits, CGPA 3.71) who enjoys combining technical skills with community engagement. Beyond my academic coursework and thesis, I have professional experience building websites for NGOs and volunteer experience supporting university clubs. I have a diverse background in arts and sports, including Taekwondo training at BKSP. I am eager to use my experiences to guide new students and help them find their own path at BRAC University.

Education

BRAC University

Dhaka

Bachelor of Science in Computer Science and Engineering, CGPA: 3.71 / 4.00

Jan 2022 – Present

○ **Credits Completed:** 96+ Credits (Requirement Met: >45)

○ **Residential Semester:** Completed Summer 2023 (RS63 batch) at Savar Campus

Notre Dame College, Dhaka

Dhaka

Higher Secondary Certificate (HSC), GPA: 5.00

2021

Group: Science

Satkhira High School

Satkhira

Secondary School Certificate (SSC), GPA: 5.00

2019

Group: Science

Professional & Co-Curricular Experience

ATMABISWAS (NGO)

Web Developer (Contract)

7 Months

○ Hired to design and develop the official website for “ATMABISWAS,” a non-profit organization.

○ Delivered a fully functional site to help them establish an online presence, meeting all client requirements professionally.

BRAC University Cultural Club (BUCuC)

General Member & Technical Support

Member

- Active general member participating in club events and cultural activities.
- Voluntarily developed the backend for the club's website to help manage events and member data.

BKSP, Khulna

Taekwondo Training

Trainee

- Completed a 1-month intensive residential sports training program at the Bangladesh Krira Shikkha Protishtan (BKSP).

Academic & Technical Projects

CSE470 - Software Engineering

SafeTails - Pet Safety Platform (Full Stack)

Ongoing

- Developing a pet rescue platform using **Next.js, TypeScript, and MongoDB** to help find missing pets.
- Building features like real-time location pinning, user authentication, and vet appointment scheduling.
- Created a secure multi-role system (User, Vet, Admin) to manage community alerts effectively.

CSE350 - Digital Electronics

Dual-Arduino Tic-Tac-Toe (Embedded Systems)

Summer 2025

- Built a distributed game system using two Arduino Unos communicating via **UART protocol**.
- Designed a "Master-Slave" architecture where one board handles game logic and the other controls a 3x3 LED display.
- Solved complex I/O pin limitations by splitting tasks between two microcontrollers.

CSE341 - Microprocessors

Digital Voting Machine (Assembly Language)

Spring 2025

- Developed a secure voting system using **8086 Assembly** that runs on EMU8086.
- Implemented admin login, candidate management, and a "one-person-one-vote" security feature.
- Used low-level interrupts (INT 10h/21h) to create a clean user interface for voters.

CSE422 / CSE423

AI & Graphics Algorithms Repository

Summer 2025

- Created and maintained a solution repository for Artificial Intelligence and Computer Graphics assignments.
- Solved complex algorithms in three languages (**Python, Java, JavaScript**) to help peers understand different implementation approaches.

Skills

- **Tech:** MERN Stack, PHP, MySQL, Python, C++, Git/GitHub, VS Code.
- **Soft Skills:** Mentoring, Client Communication (NGO Project), Teamwork, Art & Creativity.
- **Languages:** Bengali (Native), English (Professional).

Honors & Awards

University: VC's List / Dean's List (Received for academic excellence)

University: Merit-Based Scholarship, BRAC University

Arts: 1st & 2nd Place in Drawing and Art Competitions (School Level)

Sports: 1st Position in Annual Sports; Completed BKSP Taekwondo Training