

EDUCATION

- **United International University** Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering; GPA: 3.77 Feb. 2020 – Jun. 2024

EXPERIENCE

- **United International University** Dhaka, Bangladesh
Lecturer (Contractual) Jun. 2024 - Present
 - **Contractual Faculty:** Joined as a contractual Lecturer in the Department of Computer Science and Engineering at United International University.
 - **Courses taken:** Database Management Systems Theory, Object-Oriented Programming Laboratory, Data Structures and Algorithms 1 Laboratory.
- **United International University** Dhaka, Bangladesh
Undergraduate Assistant Sep. 2023 - Jun. 2024
 - **Object-Oriented Programming for Data Science Lab:** Managed to facilitate course content and materials with the lab faculty, checked and evaluated assessments, and judged lab projects.
 - **Programming for Data Science Lab:** Managed to facilitate course content and materials with the lab faculty, checked and evaluated assessments, and created the first problem sets for the new undergraduate program in UIU.

ACHIEVEMENTS

- **Gold Medalist:** of the International Blockchain Olympiad 2023 held in Amsterdam, the Netherlands.
- **Global Representative:** for the Hult Prize Boston Summit 2024.
- **Silver Medalist:** of the Bangladesh Blockchain Olympiad 2023.
- **Champion:** of the Bhashamul national NLP datathon challenge.
- **Champion:** of the Hult Prize On-Campus Round at United International University.
- **3x Champion:** of the United International University CSE Project Showcase in the categories: Advanced Object-Oriented Programming Lab, DBMS Lab, Software Engineering Lab.
- **1st Runners-Up:** of the UIU Intra-University Deep Learning Sprint.

PROJECTS

- **NurtureAid ([GitHub Repo](#)):** An cross-platform mobile application that provides remote caregiving to the dependent population.
Tech Stack: React.js, Node.js, MongoDB, Firebase.
- **Quest Aid ([GitHub Repo](#)):** An AI-driven web application to connect students, clubs, universities, and organizations under the same platform to grow the ECA landscape of Bangladesh.
Tech Stack: React.js, Spring Boot, Flask, MySQL, Langchain.
- **iamspecial ([GitHub Repo](#)):** A web application to tackle the awareness, misinformation, and lack of access of facilities related to people with special needs in Bangladesh.
Tech Stack: HTML, CSS, Vanilla JavaScript, PHP, MySQL.
- **ECMS Desktop ([GitHub Repo](#)):** A desktop app designed to create a comprehensive system for managing the co-curricular activities of students, clubs and forums, and admins of United International University. Includes real-time communication with databases and a communication server that can serve text and image messages.
Tech Stack: Java, JavaFX, MySQL.

PROGRAMMING SKILLS

- **Languages:** C/C++, Java, SQL, Python, Javascript, Dart, PHP
- **Technologies:** React/React Native, Flutter, Node.js, Spring Boot, MongoDB, Flask, Firebase, Langchain
- **Machine/Deep Learning:** PyTorch, Tensorflow, Scikit-Learn, HuggingFace, Numpy, Pandas, NLTK