

EDUCATION

- **United International University** Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering; GPA: 3.77 (Major CGPA: 4.00) 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.
- **1st Runners Up:** Intra-UIU Deep Learning Sprint.
- **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.
- **Participant:** ICPC 2022 Asia Dhaka Regional Site Online Preliminary Contest - Team UIU Dullahan Head.

PROJECTS

- **NurtureAid ([GitHub Repo](#)):** Developed a cross-platform mobile application that provides remote caregiving to the dependent population. Worked as a full-stack engineer, leading the app's backend development and contributing to the frontend.
Tech Stack: React Native, Node.js, MongoDB, Firebase.
- **Quest Aid ([GitHub Repo](#)):** Developed an AI-driven web application to connect students, clubs, universities, and organizations under the same platform to grow the ECA landscape of Bangladesh. Worked as the full-stack engineer, leading the app's frontend, backend, and AI development.
Tech Stack: React.js, Spring Boot, Flask, MySQL, Langchain.
- **iamspecial ([GitHub Repo](#)):** Developed a web application to tackle the awareness, misinformation, and lack of access of facilities related to people with special needs in Bangladesh. Led the team as a full-stack engineer contributing to the app's frontend and backend development.
Tech Stack: HTML, CSS, Vanilla JavaScript, PHP, MySQL.

PROGRAMMING SKILLS

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

REFERENCES

- **Dr. Swakkhar Shatabda:** Professor, Dept of Computer Science and Engineering, Brac University.
email: swakkhar.shatabda@bracu.ac.bd
- **Dr. Suman Ahmmed:** Associate Professor, Dept of Computer Science and Engineering, United International University. email: suman@cse.uiu.ac.bd