

Shariful Islam Sajib Sarker

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CAREER OBJECTIVE

Final-year Computer Science and Engineering student at the University of Information Technology and Sciences (UITS) with a strong passion for research and software development. Proficient in Python and C++, with hands-on experience in statistical analysis. I am seeking a software engineering role to apply my skills, contribute to innovative projects, and grow as a professional.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++
- **Web Development:** HTML, CSS
- **Database Management:** MySQL
- **Tools & Platforms:** GitHub, Figma, Excel, Notion, LinkedIn
- **Others:** Jira, Scrum Methodologies, UI/UX knowledge, Statistical Tools and Techniques knowledge,

PROJECTS

Online Learning Platform

- Developed an interactive e-learning platform for students, focusing on personalized learning paths.

SaaS Website Builder(ongoing)

- Developing a cloud-based SaaS platform that allows users to design and deploy customizable websites without coding knowledge.

Simulating the Spread of an Infectious Disease Using Monte Carlo Methods

- Simulated the spread of an infectious disease (e.g., COVID-19) within a population using Monte Carlo methods to model randomness and uncertainty in disease transmission.
- Analyzed factors such as infection rates, recovery rates, and exposure probabilities to understand the dynamics of disease spread.

Vehicle Image Classification using Conventional and CNN-Based Approaches

- Implemented and compared two classification methods for vehicle images:
 - Conventional Approach: Utilized handcrafted feature extraction techniques combined with an SVM classifier.
 - Deep Learning Approach: Developed an automated solution using Convolutional Neural Networks (CNNs).

EDUCATION

Bachelor of Science in CSE

University of Information Technology and Sciences (UITS),
Dhaka, Bangladesh

Expected Graduation: August, 2025

- **CGPA:** 3.55/4
- **Relevant Courses:** Data Structures and Algorithms, Software Engineering, Artificial Intelligence, Machine Learning, Statistics

CERTIFICATIONS

- Awarded "Idea Contest Autumn 24 Certificate of Achievement" at the University of Information Technology and Sciences (UITS) for presenting an innovative idea