

Sayeem Mahmood

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CAREER OBJECTIVE

Final-year CSE student seeking a Lecturer position, bringing research experience in document AI and LLMs alongside hands-on teaching as an Undergraduate Assistant. Committed to a long-term academic career, including a future PhD.

EDUCATION

B.Sc. in Computer Science and Engineering (CSE) *United International University*

- CGPA: 3.91 / 4.00 | Expected Graduation: Spring 2027

Higher Secondary Certificate (HSC) *Dhaka Board, Science Group*

- GPA: 5.00 / 5.00

Secondary School Certificate (SSC) *Dhaka Board, Science Group*

- GPA: 5.00 / 5.00

RESEARCH EXPERIENCE

Final Year Design Project (FYDP) — Self-Verifying Document Agent for Hallucination Reduction in Multi-Page Legal Document Question Answering *United International University*

- Designing a self-verifying agent that corrects—not just detects—cross-page hallucinations in multi-page document QA, using the CUAD legal contracts dataset.
- Findings are being prepared for submission to a peer-reviewed venue.

Research Interests: NLP, RAG, LLMs, VLM, Document Understanding, Hallucination Detection and Mitigation.

TEACHING EXPERIENCE

Undergraduate Assistant (UGA) *United International University | Current*

- Assist faculty with lab class instruction and supervision, review lab topics as instructed by the course teacher, and support assignment checking during lab sessions.
- Provide student counseling and tutorial classes outside the regular schedule for students needing additional help with course topics.

ACADEMIC OUTREACH

Founder & Instructor, “Ghore Sikho” (YouTube Channel)

- Produce Bengali-language, syllabus-oriented free video lessons on CSE topics for university students.

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, Python, PHP, JavaScript
- Frameworks & Tools: OpenCV, Selenium, Laravel
- AI/ML Areas: NLP, RAG, LLMs, Vision-Language Models, LoRA/QLoRA Fine-Tuning

CERTIFICATIONS

- AI Workflows and Agents — Grameenphone Ltd.
- GenAI & Prompt Engineering — Grameenphone Ltd.

ACHIEVEMENTS & AWARDS

- Electronics Laboratory Champion, Spring 2025 — United International University
- Microprocessor and Microcontroller Laboratory Champion, Fall 2025 — United International University
- University Academic Merit Scholarship — awarded repeatedly for outstanding academic performance and top-tier program ranking