

Layla Kader Suma

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Career Objective

To embrace challenges in teaching and research with sincerity and efficiency. I aim to expand my skills through continuous learning and guide students toward academic and personal growth.

Education

United International University , B.Sc in Computer Science and Engineering	2024
<ul style="list-style-type: none">GPA: 3.8/4.0Major: Software EngineeringThesis: UniVerseHub: A Confluence of AI-Powered Intellect and Collaborative Learning Architectures	
Govt. Mohammadpur Model School & College , Higher Secondary School Certificate, Science	2019
<ul style="list-style-type: none">Grade: 4.10	
Kisholoy Girls School & College , Secondary School Certificate, Science	2017
<ul style="list-style-type: none">Grade: 5.00	

Experience

Undergraduate Teaching Assistant (UTA) , Department of Computer Science and Engineering, United International University	2023 – 2024
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Publications

GLOPS: A Hybrid Approach for Enhanced Scheduling in Cloud Computing Environments via Machine Learning-Based Process Prediction	Under Review
Syed Abu Ammar Muhammad Zarif, Layla Kader Suma , Md. Sadat Rahman, Md. Motaharul Islam (Member, IEEE), Phuoc Hung Pham, Phong Dung Thi Nguyen, Nguyen Thanh Binh <i>Under review in IEEE Access (Q1 Journal).</i>	
TrustAid: A Decentralized Blockchain Solution for NGO Donation Tracking and Verification	Under Review
Layla Kader Suma , Syed Abu Ammar Muhammad Zarif, Md. Sadat Rahman, Mr. Mir Moynuddin Ahmed Shibly <i>Under review in IEEE Access (Q1 Journal).</i>	
The Impact of Large Language Models on STEM Students in South Asian Countries: A Mixed-Methods Study	Ongoing
Layla Kader Suma , Mysun Mashira, Subangkar Karmaker Shanto <i>An ongoing study investigating the influence of large language models (LLMs) such as ChatGPT, Claude, and others on the learning abilities of STEM students in South Asian countries. The research employs a mixed-methods approach, incorporating case studies, participant observations, interviews, and surveys.</i>	

Honors and Awards

Silver Winner — TrustAid (Blockchain Olympiad, National Round) <i>United International University CSE Fest 2025.</i> Developed TrustAid , a blockchain-based NGO donation system. Enabled real-time, transparent donation tracking.	Feb 2025
1st Runner-Up — UniVerseHub (Final Year Project Showcase) <i>United International University, Department of CSE.</i> Created UniVerseHub , an AI-powered academic support app. Offered study materials, video sessions, and smart FAQ.	Jul 2024
1st Runner-Up — UniVerseHub (Software Engineering Project Showcase) <i>United International University, Department of CSE.</i> Developed UniVerseHub with centralized course resources. Featured AI tutors, peer video study, and smart chat.	Feb 2024
1st Runner-Up — UIUSAT System (System Analysis & Design Project Showcase) <i>United International University, Department of CSE.</i> Built a student achievement tracking system. Simplified CV building and alumni records.	Jul 2022
1st Runner-Up — Super Universe (Database Management System Showcase) <i>United International University, Department of CSE.</i> Created a superhero card collection platform. Enabled search, unlock, and social features.	Apr 2022
Merit-Based Scholarship (12 Trimesters) <i>United International University, Department of CSE.</i> Awarded scholarships for 12 consecutive trimesters. Tuition waivers ranged from 50% to 100%.	2020–2024

Extracurricular Activities

Student Volunteer — United International University Volunteered at UIU CSE Fest 2023 in Science & Technology events.	Sep 2023
Champion — Art Competition (BD Japanese Festival 2022 & TASH Entertainment) Won an anime-style watercolor art contest featuring Sakura and Lolita fashion.	Aug 2022
General Member — UIU Robotics Club Participated in club activities, workshops, and project sessions.	2022–2024
Event Committee Member — Students' International Affairs Society Managed international events, logistics, graphic design, and guest coordination.	2022–2024

Skills

Coding Skills: C, Python, JavaScript, Solidity, SQL, HTML, CSS, PHP, ReactJS, MySQL

Technologies & Tools: .NET, MongoDB, Web3, Remix IDE, Git, LaTeX, Visual Studio Code, Figma, Draw.io, Cisco Packet Tracer, Arduino

Soft Skills: Articulate and fluent communication in English, Analytical reasoning, Problem-solving, Leadership, Team Collaboration, Public Speaking, Academic Counseling, Project Management, Event Coordination

Language Skills: Bangla (Native), English (Fluent)

References

Dr. Md. Motaharul Islam
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United International University
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Mr. Shoib Ahmed Shourav
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United International University
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