

# AL Imran

CONTACT	Undergraduate Student		
INFORMATION	Department of Computer Science		
	United International University (UIU)	E-mail	: <a href="mailto:aimran223839@bscse.uiu.ac.bd">aimran223839@bscse.uiu.ac.bd</a>
	Bangladesh	LinkedIn	: al-imran-b3b98a239
OBJECTIVE	Seeking to earn a Ph.D. in Computer Science and Engineering and aiming to explore groundbreaking research opportunities in Computational Biology and develop impactful AI-powered innovations in this field.		
RESEARCH INTERESTS	Computational Biology, AI in Healthcare, Algorithms, Machine Learning		
EDUCATION	<b>B.Sc.Eng.in Computer Science and Engineering</b> , October 2022		
	United International University (UIU)		
	(expected graduation date: Spring 2026)		
	<b>CGPA:</b> 3.7/4.0 (Major-Data Science)		
	<b>Higher Secondary School Certificate (HSC)</b> , 2021		
	Govt. Azizul Haque College (Intermediate Campus), Bogura		
	<b>Marks:</b> 97.54%(Science), Rajshahi Education Board, Bangladesh		
	<b>Secondary School Certificate(SSC)</b> , 2019		
	Bogura Zilla School, Bogura		
	<b>Marks:</b> 94%(Science), Rajshahi Education Board, Bangladesh		
RESEARCH EXPERIENCE	1. January 2023 – November 2023		
	Working with <b>Prof. Dr. Nomani Kabir (UIU)</b> on		
	“Lung and Breast Cancer Diagnosis and Predictive Modeling”		
	United International University (UIU), Bangladesh		
	2. December 2023 – September 2024		
	Working with <b>Prof. Dr. Martin Ebert (UWA)</b> on		
	“Cancer Classification and Detection by Artificial Intelligence and Machine Learning Algorithms”		
	Collaboration: Sir Charles Gairdner Hospital, Nedlands, Australia		
	3. October 2024 – Present		
	Working with <b>Prof. Sharon Qi, Ph.D., DABR (UCLA)</b> on		
	“Head and Neck Cancer Research – Prediction and Machine Learning Models for Early Detection”		
	Position : Research Assistant(Hybrid) Radiation Oncology Lab		
	University of California, Los Angeles, USA		
	Collaboration : UCLA Jonsson Comprehensive Cancer Center, Los Angeles, USA		

4. May 2025 – Present  
Working with **Prof. Dr. M. Sohel Rahman** on  
“AI-Powered Multi-Modal Framework for Early Detection of Triple-Negative Breast Cancer (TNBC)”  
Bangladesh University of Engineering and Technology (BUET), Bangladesh

AWARDS &  
RECOGNITION

Recognition	-UIU Department Fest Idea Contest and Poster Presentation (2024)
TalentPool Scholarship	-Rajshahi Education Board, HSC(2021)
General Grade Scholarship	-Rajshahi Education Board, SSC(2019)

PROJECTS  
& POSTERS

**International Project**

1. UNESCO-Funded Project:

Details: I developed a Deepfake Detection Algorithm focused on safeguarding children and youth by identifying and mitigating harmful content. This project utilized advanced machine learning techniques to enhance the reliability and accuracy of detecting deepfakes, contributing to the promotion of digital safety and ethical technology use.

**Supervisor:**

Dr. Hasan Sarwar,

Professor, Dept. of CSE & Dean, School of Engineering, UIU

**Academic Projects**

1. Developed a Departmental Store Management System in C for automated inventory and billing (2022).
2. Built a CRM System in C++ featuring client management and performance tracking (2023–2024).
3. Created an Early Earthquake Analysis and Alert System using Java and geospatial modeling (2023–2024).
4. Designed a Bluetooth-Controlled Smart Car using Arduino UNO and HC-05 module (2023–2024).
5. Developed a Smart Traffic Flow Control & Emergency Management System using microprocessor technology (Nov 2024 – Feb 2025).
6. Built Niramoy – (a Hospital management System using 50+ hospitals database) using PHP and MySQL (Feb 2025 – June 2025).
7. Designed a Senior Citizen & Old Age Home Management Portal using PHP and MySQL (Feb 2025 – June 2025).
8. Created Eduverse – an Education Management and Collaboration Platform using PHP and MySQL (Feb 2025 – June 2025).

## Poster Presentations

**Title :** Quantum-Enhanced Energy Harvesting and Storage for Sustainable Smart Cities

**Event:** Department Fest– Idea Contest, United International University

**Role :** Concept lead and presenter; designed theoretical framework integrating quantum computing principles with green energy storage systems tailored for urban sustainability.

**Date : February, 2024**

## LANGUAGES

English: Professional Proficiency

Bengali: Native

## OTHER ACTIVITIES & VOLUNTEERING

1. Active Member, UIU IEEE Student Branch
2. Active Member, UIU Robotics Club
3. Sports Enthusiast (Badminton, Cricket)
4. Creative Arts (Hobby)
5. Award-winning participant in multiple Islamic competitions including Quran Tilawat and Nasheed (Islamic songs); recognized for exceptional vocal and recitation skills

### Volunteer Experience

- i. Contributed to blood donation camps organized by community health groups.
- ii. Assisted in organizing a university seminar on 'AI in Healthcare and Ethical Tech Use,' overseeing logistics and ensuring active participant engagement throughout the event.

## REFERENCES

### 1. Dr. M. Sohel Rahman

Professor, Department of CSE

Bangladesh University of Engineering and Technology (BUET)

Email: [msrahman@cse.buet.ac.bd](mailto:msrahman@cse.buet.ac.bd)

### 2. Dr. Sharon Qi, PhD, DABR

Associate Professor, UCLA Health,

University of California Los Angeles (UCLA)

Email: [XQi@mednet.ucla.edu](mailto:XQi@mednet.ucla.edu)