Abdullah Al Marjuc Talha

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in ABDULLAH AL MARJUC TALHA   ⚙ Abdullah Al Marjuc Talha

Summary

Computer Science and Engineering Graduate specializing in Information Systems, with a strong foundation in **MIS, Data Science, and SQA**. Completed all degree requirements while maintaining a consistent track record in academic research and leadership within university organizations. A dedicated professional focused on leveraging technical proficiency and collaborative experience to drive organizational goals.

Education

AMERICAN INTERNATIONAL UNIVERSITY – BANGLADESH   *JAN 2022 – PRESENT*
- BSc in Computer Science and Engineering (Major: Information Systems).

LEADERSHIP & EXPERIENCE

Executive – Strategic Member   *Dhaka*
ESAB AIUB Unit Face   *JUNE 2025 - PRESENT*

Currently serving as a Strategic Member and Web Lead at ESAB.

Crew Facilitator   *Dhaka*
Space Innovation Camp   *JULY 2025 - PRESENT*

Managed event logistics and registration for seamless operations.

Co-Founder   *Dhaka*
Prime Corner - Online Clothing Business   *JULY 2023 - PRESENT*

Co-founded and managed an online brand, overseeing logistics and customer service.

Volunteering Experience
- The Second Space Exploration Olympiad as a Crew Facilitator on 01 August 2025.
- Managed logistics and tech-driven evaluations as an organizing member for the Global Scholars Olympiad, 17 January 2026.

Skills

Data & Analysis: SQL (Window Functions, CTEs), Power BI, R, Python, MS Excel.

Programming, Web & Testing: C++, Java, HTML, CSS, PHP, Selenium IDE (Automation), User Acceptance Testing (UAT), SDLC.

Academic Projects

Real-Time Multimodal Confidence Detection System(Thesis Project)   *GitHub* ↗
- Developed a real-time, multimodal system with 94.97% accuracy using JavaScript, MediaPipe, and the Web Audio API for facial, gesture, and vocal analysis.

Library Management System   *GitHub* ↗
- Built and tested a web-based library management system with zero logic errors.

Analysis and Preprocessing of Network Traffic for Cybersecurity   *GitHub* ↗
- Analyzed network traffic for security threats using R (tidyverse, dplyr) for packet-level preprocessing, feature extraction, and EDA to generate enriched datasets for intrusion detection.

Mobile Analytics Data Warehouse & Market Analysis   *GitHub* ↗
- Architected a normalized Star Schema and used advanced SQL constructs (CTEs, Window Functions) to perform comparative market analysis across 980+ records, optimizing query efficiency and enabling data-driven insights.

Certifactions and Awards

Best Poster Award (Category: Software), Thesis Day: Summer 2024–2025,   ⚙ ↗
American International University – Bangladesh, December 4, 2025
- Awarded for presenting the most effective visual representation of research findings during the Department of Computer Science Thesis Day.

⚙ **Link to All Certificates** ↗

Reference

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