

MD AL EMRAN

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CAREER OBJECTIVE

Final-year CSE student with strong skills in programming, data analysis, and machine learning, with project and research experience. Seeking roles in Data Analysis, Business Intelligence, or Data Science.

Education

United International University (UIU), Dhaka, Bangladesh 2022-2026

- B.Sc. in Computer Science & Engineering (Major: Data Science)
- Current CGPA: — Status: Final Year

Skills Summary

- **Languages & Frameworks:** Python, PHP, SQL, JavaScript, Django, React, Pandas, NumPy, Scikit-learn
- **Tools & Platforms:** Power BI, Excel (Advanced), Overleaf/LaTeX, Git/GitHub, Firebase
- **Databases & Testing:** MySQL, SQLite, Pytest, Selenium
- **Soft Skills:** Problem-solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

Research & Publications

Predicting Academic Resilience in Students with Depression Using Machine Learning | [Link](#)

- Used Gradient Boosting, Random Forest, XGBoost, SVM, and Neural Networks; achieved $R^2 = 0.999$ and top classification performance; performed clustering validated with Silhouette Score.

Deep Learning–Based Information Extraction from Bangladeshi Land Documents (Thesis) | [Link](#)

- Developing OCR + NLP pipeline for Bangla land records to extract structured data and digitize governance records.

Projects

Innovest — AI-Powered Fintech Platform | [Link](#)

- Full-stack investor–startup matchmaking platform with AI-driven insights.
- **Tools:** Django, DRF, React, Firebase, scikit-learn, SSLCommerz, JWT
- Developed ML pipelines with >90% prediction accuracy.

Gstore — Grocery E-commerce Platform | [Link](#)

- Multi-user e-commerce system with catalog, cart, wishlist, and order management.
- **Tools:** PHP, MySQL, JavaScript, HTML5, CSS3, PDO
- Built secure, normalized database eliminating SQL injection risks.

UniEats — University Canteen Management System | [Link](#)

- Role-based system with dashboards, reporting, and rewards.
- **Tools:** Java 17, JavaFX, SQLite, MVC/DAO, JUnit
- Applied MVC/DAO design and planned REST/WebSocket updates.

Certifications & Training

- Data Analyst & Power BI — Interactive Care | CERTIFICATE
- Microsoft Office — (Udemy) | CERTIFICATE
- Advanced Excel — (Udemy) | CERTIFICATE
- Basic Python, SQL — (Udemy) | CERTIFICATE
- Git & GitHub — (Udemy) | CERTIFICATE