

RAMEEZA ARAIN

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OBJECTIVE

To pursue a challenging academic and research-oriented career as a Lecturer in Artificial Intelligence, where I can utilize my expertise in Data Science, Artificial Intelligence, Natural Language Processing, Data Mining, and Discrete Structures to deliver effective teaching, contribute to research, and support students in developing strong technical and analytical skills. I aim to contribute to academic excellence and innovation through continuous learning, research, and practical application of emerging AI technologies.

CORE ACADEMIC QUALIFICATIONS

MS Data Science

Jan 2024 – Jan 2026 | CGPA: 3.69

Mehran University of Engineering & Technology (MUET), Jamshoro

- Research Thesis: Time Series Analysis and Forecasting of Inflation in Pakistan Using Machine Learning (Successfully Defended).
- Developed advanced skills in predictive modelling, statistical anomaly detection, and data preprocessing — core methodologies applicable to financial risk analysis, fraud detection, and credit scoring systems.

BS Information Technology

Jan 2019 – Dec 2022 | CGPA: 3.12

University of Sindh, Jamshoro

- Final Year Project: Digital Verse — a secure, decentralized web platform. Awarded 1st Position.
- Gained foundational knowledge in database management (SQL), application security, authentication systems, and web architecture — directly relevant to banking IT infrastructure and digital banking platforms.

Higher Secondary Certificate (Pre-Engineering)

Aug 2016 – Jul 2018 | Grade A

Public School Hyderabad

CORE AREAS OF EXPERTISE & SKILLS

Data Analytics Machine Learning, Deep Learning, NLP, Time Series Forecasting, Statistical Analysis, Predictive Modelling. Data Visualization.

Financial Tech Data-driven reporting, SQL querying, financial data preprocessing, anomaly and pattern detection.

Programming Python, SQL applied to scripting, data pipelines, and automated analytical workflows.

Digital & Web Certified web development, secure application design, database management, authentication systems.

Operations Team leadership, campaign management, administrative coordination, inter-departmental reporting.

Communication Full professional proficiency in English, Urdu, Punjabi, and Sindhi.

RELEVANT PROJECTS & RESEARCH

Master's Research: Time Series Inflation Forecasting

Models: SARIMA-ML Hybrid, LSTM, FB Prophet, Holt-Winters

Applied sequential data forecasting to analyze Pakistan's inflation trends. The methodology including LSTM networks and hybrid statistical models is directly transferable to financial forecasting, interest rate modelling, and macroeconomic risk assessment in banking contexts.

BS Capstone Project: Digital Verse (Decentralized Web Application)

Awarded 1st Position

Designed and developed a tamper-resistant, secure platform for digital asset interactions with cryptographic verification and web application security controls relevant to digital banking security and fintech application design.

Advanced NLP Project (Master's Level)

Awarded 2nd Position

Applied Natural Language Processing for structured extraction from unstructured data. Applicable to automated document processing, customer query classification, and KYC/AML text analytics in banking.

PROFESSIONAL EXPERIENCE

Mehran UET Jamshoro

July 2026 – present

Lecturer (on Contract) in BS Artificial Intelligence, SWE

- Deliver undergraduate lectures and practical sessions in Artificial Intelligence, Natural Language Processing (NLP), Data Mining, and Discrete Structures, using practical and industry-relevant approaches.
- Design and evaluate assignments, quizzes, projects, and examinations, while providing academic guidance to strengthen students' analytical, programming, and problem-solving skills.
- Contribute to research, curriculum development, academic activities, and departmental responsibilities, supporting innovation and excellence in AI and computing education.

Catch VR by Erumus+

June 2026 – present

Internship at NCRA LAB MUET Jamshoro (on site)

- Gaining hands-on experience in Virtual Reality (VR), Augmented Reality (AR), 3D environments, and immersive technologies.
- Exploring VR applications and interactive games while learning the development process of VR projects and games.
- Developing practical skills in designing and creating interactive 3D/VR experiences and building independent VR game projects.

Lift Social Marketing

Feb 2024 – Jan 2026

Head of Marketing / PR Manager (Remote & On-site)

- Led cross-functional teams in campaign execution, administrative coordination, and performance reporting.
- Developed structured communication strategies and professional presentations for senior leadership reviews.
- Demonstrated ability to manage deliverables, timelines, and multi-stakeholder operations under performance targets.

Public School Hyderabad

Mar 2023 – Dec 2023

Mathematics & Computer Studies Teacher

- Delivered structured technical lectures across multiple boards, achieving 15–20% improvement in overall classroom evaluation results.
- Designed lesson plans and hands-on exercises to develop student analytical and logical reasoning skills.

PROFESSIONAL CERTIFICATIONS & ACHIEVEMENTS

- Data Analyst Certification — Coursera
- Web Development Certification — MIT Hyderabad
- 1st Position — Bachelor's Final Year Project (Digital Verse)
- 2nd Position — Advanced NLP Project (Master's Level)
- MS Research Thesis Successfully Defended — MUET, Jamshoro

REFERENCES

Dr. Qasim Ali

Dept. of Software Engineering / Cybersecurity, MUET, Jamshoro

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Dr. Shahnawaz Talpur

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Dr. Kamran Dahri

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I hereby declare that all information provided in this curriculum vitae is true and accurate to the best of my knowledge.