

MIAN MUHAMMAD AHMED SHAH

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QUANTITATIVE FINANCE & APPLIED ECONOMICS RESEARCHER

Quantitative finance and economics graduate with experience in financial reporting, empirical research, and macroeconomic analysis. Skilled in econometric modeling, cross-country data work, and translating complex findings into clear insights. Brings industry exposure in banking operations and investor reporting, alongside research on renewable-energy economics and AI in writing. Strong technical grounding and disciplined analytical approach suited for advanced study and data-driven roles.

PROFESSIONAL EXPERIENCE

ALLIED BANK, Lahore, Pakistan

2025 - Present

Senior Officer - Investor Relations

- Prepared and analyzed 20+ quarterly and annual performance dashboards and summaries for CXOs and senior leadership.
- Consolidated financial and non-financial data across 10+ departments, ensuring complete accuracy in reporting.
- Conducted macroeconomic and peer-bank analyses covering 15+ institutions, translating trends into concise internal insights.

BANK ALFALAH, Lahore, Pakistan

Summer 2022

Intern – Personal Banking

- Completed a multi-department rotation across operations, compliance, and consumer banking to understand internal workflows and reporting structures.
- Presented a final improvement report to management, outlining data-driven recommendations using Excel to streamline operational tasks and enhance reporting clarity.

EDUCATION

UNIVERSITY OF TORONTO MISSISSAUGA

Honors Bachelor of Sciences – Specialist in Financial Economics, 2021-2025

Minor in Ethics, Law and Society; Graduated with Distinction

INDUSTRY CERTIFICATIONS

- *In Progress:* Thermal Fluids Engineering I – Thermodynamics & Hydrostatics (MITx / edX)
- CFA Level I Candidate
- Financial Analysis Fundamentals (CFI, 2025)
- Renewable Energy – Solar Financial Modeling (CFI, 2025)

RESEARCH AND PUBLICATIONS

Accepted for Publication:

Eaton, C., Belmonte, I., Enaya, T., Flood, S., Khalil, Z., Makwanda, A., *Shah, M.M.A.*, Toma, A., Wang, T., Yu, C. (2025). *Where we're at, what we must know, and where we can go: A systematic review of research about writing and artificial intelligence*. Discourse and Writing (**accepted**; in final review).

Research Projects:

“The Architecture of Support: What Drives Renewable Subsidies?”: Developed cross-country econometric models (320+ regions) using OLS and structural indicators to analyze economic drivers of renewable-energy subsidy levels.

Bank of Canada Governor’s Challenge: Constructed macroeconomic frameworks and scenario analyses to support evidence-based recommendations on interest rates and quantitative tightening.
