RIDA FATIMA

Karachi, Pakistan | linkedin.com/in/rida-fatima-ned | NED University of Engineering & Technology

PROFESSIONAL SUMMARY

Computational Finance student at NED University (CGPA: 3.89/4.0) with hands-on experience in equity research, risk analytics, and quantitative modeling. SOA Global Finalist (Top 6 Worldwide, 2026), national actuarial competition winner, and WorldQuant International Quant Championship Silver-level qualifier. Proficient in Python-driven financial analysis, macroeconomic forecasting, and structured risk assessment. Combines strong quantitative foundations with applied finance exposure across equity markets, banking risk, and actuarial problem-solving to deliver data-driven insights.

EDUCATION

BS Computational Finance | NED University of Engineering & Technology *Expected 2026*

CGPA: 3.89 / 4.0

Relevant Coursework: Financial Engineering • Econometrics • Financial Derivatives • Financial Risk Management • Stochastic Models in Finance • Actuarial Science • Operations Research • Numerical Methods • Statistical Inference • Continuous-Time Finance • Discrete-Time Finance • Computational Finance Project

HONORS & COMPETITIVE ACHIEVEMENTS

- **SOA Global Finalist (Top 6 Worldwide),** SOA Student Research Case Study Challenge 2026 *Apr 2026*
- **Actumind 2.0 National Winner,** Actuarial Competition | Badri Consultancy & Society of Actuaries *May 2025*
- **WorldQuant International Quant Championship (Silver Level)**, WorldQuant BRAIN *Jun 2025*
- **CFA Ethics Challenge 2026 Finalist,** CFA Society Pakistan *Feb 2026*

PROFESSIONAL EXPERIENCE

Equity Research Analyst Trainee | Sherman Securities (Pvt.) Ltd. *Feb 2026 – Present*

- Track and interpret macroeconomic indicators — CPI, T-bills, current account balance, LSM, and interest rates, to identify market-moving events and generate equity investment insights
- Developed a proprietary CPI forecasting methodology to predict monthly inflation trends, enhancing research accuracy and supporting data-driven trading and client recommendations
- Conduct sector-level research (Steel, Power), connecting macroeconomic shifts to company-level fundamentals, earnings drivers, and valuation-relevant catalysts
- Author structured research reports synthesizing macroeconomic analysis, sector dynamics, and company performance to inform equity trading decisions

Risk Management Intern | Pakistan Mortgage Refinance Company (PMRC) *May 2025 – Aug 2025*

- Supported risk assessment functions within a government-backed mortgage refinancing institution, gaining structured exposure to credit risk, interest rate risk, and liquidity risk frameworks
- Analyzed financial data and contributed to risk reporting and internal monitoring processes under a formal banking risk governance environment
- Developed analytical understanding of how macroeconomic variables, interest rates, inflation, and credit conditions, translate into balance-sheet risk exposures for financial institutions

President | Quants Society | NED University of Engineering & Technology *Sep 2025 – Present*

- Lead NED University's quantitative finance society, directing strategic initiatives in financial modeling, econometrics, and data-driven analytical thinking
- Organized institution-wide participation in WorldQuant International Quant Championship, enabling members to compete in global quantitative research challenges
- Mentor students in Python-based financial modeling and quantitative problem-solving methodologies, bridging academic theory with applied practice

Quantitative Finance Lecturer & Coordinator | Combine Foundation *Jun 2025 – Present*

- Deliver structured instruction on quantitative finance topics including probability theory, stochastic processes, and applied financial modeling to undergraduate cohorts
- Bridge technical curriculum with real-world finance practice, enhancing students' analytical frameworks and problem-solving capabilities

TECHNICAL SKILLS

Quantitative & Analytical: Python (Pandas, NumPy) • Statistical Analysis • Financial Modeling • Econometrics • Forecasting • Stochastic Modeling • Probability & Inference

Finance & Research: Equity Research • Macroeconomic Analysis • Risk Analytics • Derivatives Pricing • Portfolio Analysis • Financial Reporting • Investment Research

Tools & Technology: Microsoft Excel (Advanced) • Power BI • Financial Data Analysis • Research Report Writing • Presentation & Communication

CERTIFICATIONS

- **Python Toolbox** | DataCamp
- **Intermediate Python for Developers** | DataCamp
- **Introduction to Python for Developers** | DataCamp
- **Introduction to Investment and Gold Trading** | Alison (Jan 2025)