

RESEARCH INTERESTS	Applications of AI in Finance; FinTech; Portfolio Management; Asset Pricing; Financial Econometrics		
EDUCATION	• Ph.D., Economics. (Specialization: Financial Economics), Northern Illinois University 2019 • M.A., Economics. Northern Illinois University 2017 • M.S., Applied Probability and Statistics. Northern Illinois University 2017 • M.B.A., University of Tehran 2011 • B.S., Chemical Engineering. Sharif University of Technology 2008		
TEACHING EXPERIENCE	Lecturer of Finance at UMass Amherst (Aug 2025 - Present) Visiting Clinical Assistant Professor at University of Illinois at Chicago (Jan 2025 - May 2025) Clinical Assistant Professor at Purdue University (2019 - 2024) Instructor at Northern Illinois University (2013 - 2019)		
UNDER REVIEW PAPERS	• Leveraging Machine Learning for Financial Forecasting: Distinguishing Market Trends from Oscillations in ETFs • Improving the KNN Algorithm by Using Weighted Euclidean Distance		
JOURNAL PUBLICATIONS	Selected Published Papers: • Azizi, S. (2020). Impacts of Remittances on Financial Development. Journal of Economic Studies, 47(3), 467-477. • Azizi, S. (2021). Impacts of Remittances on Exchange Rates and Net Export. Global Economy Journal, 21(02), 2150006. • He, C., & Azizi, S. (2020). Impacts of Tax Increment Financing on Property Value International Journal of Housing Markets and Analysis, 13(5), 689-711. • Ngwaba, C.A., & Azizi, S. (2019) Effectiveness of Tax Reform on Entrepreneurship Journal of Entrepreneurship and Public Policy, 9(1), 94-111. • Azizi, S., et al. (2024). Remittances and Economic Growth Journal of Economic Studies • Azizi, S., Ngwaba, C. A., & Ekhator, U. E. (2021). Can Machine Learning Predict Quantity and Duration of Migration to the USA?. The Journal of Prediction Markets, 15(1) • Azizi, S., & Yektansani, K. (2020). Artificial Intelligence and Predicting Illegal Immigration to the USA International Migration, 58(5), 183-193. • Azizi, S. (2018). The impacts of workers' remittances on human capital and labor supply in developing countries Economic Modelling, 75, 377-396. • Azizi, S. (2019). The impacts of Workers' Remittances on Poverty and Inequality in Developing Countries Empirical Economics, 60(2), 969-991. • Azizi, S. (2019). Why do migrants remit? The World Economy. 42(2), 429-452. • Azizi, S. (2017). Altruism: Primary motivation of remittances. Applied Economic Letters, 24(17): 1218-1221. • Yektansani, K., He, C., Azizi, S., & Aftabi, A., (2024). Can machine learning predict environmental attitudes and beliefs? International Journal of Environmental Studies • He, C., Yektansani, K., & Azizi, S. (2022). Impact of tax increment financing on school district revenues and the spillover effect. Journal of Economic Issues, 56(3), 782-804.		
PROFESSIONAL EXPERIENCE	• Mutual Fund Manager, Caspian Mehr Brokerage Company (2011-2013) - Designed and managed investment portfolios to maximize risk-adjusted returns.		

	- Conducted financial modeling, backtesting, and market research for equity investments. - Developed quantitative trading strategies leveraging statistical and AI-driven models.	
	• Senior Stock Market Analyst, Farabi Brokerage Company (2009–2010) - Conducted fundamental and technical analysis for equity and fixed-income securities. - Performed financial statement analysis and risk assessment for investment decisions.	
CONFERENCE PRESENTATION	• Missouri Valley Economic Association, Memphis, TN • Illinois Economic Association, Chicago, IL • Midwestern Economic Association, Evanston, IL • Midwestern Economic Association, Cincinnati, OH • Missouri Valley Economic Association, Kansas City, MO	Nov, 2018 Oct, 2018 Mar, 2018 Apr, 2017 Oct, 2016
AWARDS AND FELLOWSHIPS	• Outstanding Graduate Student, Northern Illinois University • Outstanding Ph.D. Student, Northern Illinois University • LaTourette Dissertation Completion Fellowship	Apr, 2017 Apr, 2017 Sep, 2017
TEACHING ASSISTANT	• Economic Stats & Econometrics, Northern Illinois University • Monetary Policy, Northern Illinois University • Principle of Macroeconomics, Northern Illinois University	Fall, 2014 Spring, 2014 Fall, 2013
CERTIFICATES	• Microsoft Data Science Degree (includes:) Machine Learning, Python for Data Science, Predictive Analytics with Spark • SAS Business Analyst: Regression and Modeling • SAS Base Programming • CFA Level 1	July, 2018 Dec, 2016 Jun, 2016 Jun, 2015
REFeree EXPERIENCE	• Guest Editor for Journal of Risk and Financial Management Special Issue: Machine Learning, Economic Forecasting, and Financial Markets • Referee for: Financial Innovation, Applied Economics, Economic Modeling, Journal of Economic Studies, Development Policy Review, International Migration Review, Urban Affairs Review, The International Trade Journal, African Development Review, Economics of Education Review	Oct, 2024
TECHNICAL SKILLS	• Programming & Data Analysis: Python (Advanced), R, SQL, SAS, Stata • Finance & AI Tools: Bloomberg Terminal, QuantConnect, Scikit-learn, TensorFlow • Modeling & Forecasting: Time-Series Econometrics, Machine Learning for Financial Forecasting	