

Mahnaz (Mila) Paydarzarnaghi

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Employment

Roger Williams University , Assistant Professor of Finance	Aug 2025 – Present
University of Texas at Arlington , Adjunct Assistant Professor of Finance	Aug 2024 – May 2025
University of Texas at Arlington , Graduate Assistant	Aug 2020 – July 2024
University of North Texas , Adjunct Assistant Professor of Mathematics	Aug 2019 – Aug 2020
Collin Colleges , Adjunct Assistant Professor of Mathematics	Aug 2019 – Aug 2020
Dallas Colleges , Adjunct Assistant Professor of Mathematics	Aug 2019 – Aug 2020
New Mexico State University , Graduate Assistant	Jan 2017 – Dec 2018

Education

Ph.D. University of Texas at Arlington , Finance and Real Estate	April 2025
M.Sc. New Mexico State University , Mathematics	Dec 2018
M.Sc. Sharif University of Technology , Industrial Engineering	Sep 2014
B.Sc. University of Tehran , Mathematics	Sep 2010

Publications

1. Doctoral Dissertation: The Role of Herding Behavior, Credibility, Demographics, and Information Diffusion in Social Media: Insights from Stock and Crypto-Currency Markets - Three Essays

Mahnaz Paydarzarnaghi ([Link](#))

2. Inferring Accounting Conservatism from Textual Analysis of 10-K Forms

Mahnaz Paydarzarnaghi, J. David Diltz, and Salil K. Sarkar

Accepted at *Managerial Finance* ([Link](#))

Working Papers

1. Social Media Credibility and Financial Market Activity

Mahnaz Paydarzarnaghi, David Rakowski and Mahmut Yasar

Journal of Banking and Finance, Under Review ([Link](#))

2. The Influence of Social Media Bots on Financial Markets

Mahnaz Paydarzarnaghi and David Rakowski

Management Science, Ready for Submission ([Link](#))

3. Herding Behaviors in Financial Markets: The Influence of Social Media on Market Perceptions

Mahnaz Paydarzarnaghi, Mahyar Sharif Vaghefi, David Rakowski, and Mahmut Yasar

Journal of the Association for Information Systems, Ready for Submission

4. Who Does the Market Listen to? The Market's Perception of the Demographic Characteristics of Social Media Users

Mahnaz Paydarzarnaghi and David Rakowski

Review of Financial Studies, Ready for Submission

5. Executive Facial Structure and Corporate Acquisition Behavior

Mahnaz Paydarzarnaghi and Mohammadarian Ghahremanizahraie ([Link](#))

Teaching Experience

Roger Williams University	Aug 2025 – Present
• FNCE 201 – Financial Management	
University of Texas at Arlington	Jan 2023 – May 2025
• FINA 5350 – Mathematical Finance (Graduate course in Quantitative Finance)	
• FINA 3313 – Business Finance	
• FINA 3315 – Investments	
University of North Texas, Collin, and Dallas Colleges	Aug 2019 – Aug 2020
• MATH 1780 – Probability Models	
• MATH 1180 – College Math for Business, Economics, and Related Fields	
• MATH 1190 – Business Calculus	
• MATH 2413 – Calculus I	
• MATH 1342 – Elementary Statistical Methods	
• MATH 1324 – Mathematics for Business and Social Sciences	
• MATH 1314 – College Algebra	
• MATH 1332 – Contemporary Mathematics	
New Mexico State University	Jan 2017 – Dec 2018
• MATH 1215 – Intermediate Algebra	
• MATH 1220G – College Algebra	

Presentations

Financial Management Association Annual Meeting , Grapevine, TX	2024
University of Texas at Arlington, New Voices Research Symposium , Arlington, TX	2024
Financial Management Association Annual Meeting , Chicago, IL	2023
Southwestern Finance Association , Houston, TX	2023
Eastern Finance Association Annual Meeting , Washington, DC	2022
Financial Management Association Annual Meeting , Atlanta, GA	2022
Southwestern Finance Association , New Orleans, LA	2022
Financial Management Association Annual Meeting , Denver, CO	2021

Honors and Awards

University of Texas at Arlington	
College of Business Endowed Doctoral Scholarship	2024
College of Business Dissertation Research Grant	2024
Dissertation Research Enhancement Grant	2024
Dean's Excellence Scholarship	2023
Graduate Student Travel Grants	2023
Doctoral Graduate Student Award	2023
Carla Buss Memorial Scholarship	2022
Security and Exchange Commission University Roundtable Award	2021
New Mexico State University	
Honors Graduate Student Award	2018

Certifications & Skills

Certifications:

- Certified FinTech Expert™, Blockchain Council ([Link](#))
- Certified Cryptocurrency Expert™, Blockchain Council ([Link](#))
- Certified Artificial Intelligence (AI) Expert™, Blockchain Council ([Link](#))
- IBM Machine Learning ([Link](#))
- Exploratory Data Analysis for Machine Learning ([Link](#))
- Supervised Machine Learning: Regression ([Link](#))
- Supervised Machine Learning: Classification ([Link](#))
- Unsupervised Machine Learning ([Link](#))
- Deep Learning and Reinforcement Learning ([Link](#))
- Machine Learning Capstone ([Link](#))

Programming: Python (with specializations in natural language processing and machine learning), R, Stata, SAS

Web Scraping and API Integration: Reddit, Twitter, StockTwits, Yahoo Finance, Google News, Google Trends

Amazon Web Services (AWS): Data storage, computing, face recognition, image analysis, Amazon Mechanical Turk (MTurk)

Databases: CRSP, Compustat, Bloomberg, IBES, EDGAR, SEC Analytics Suite, Datastream, BoardEx