

MOHAMADREZA PAZHOUHAN

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Personal Information

I am an MBA graduate and PhD candidate in Strategy, with a strong focus on advancing research in technology, innovation, and entrepreneurship. My experience spans business analytics, product management, and digital platforms, where I have worked on bridging data-driven insights with practical implementation. My academic and professional journey is centered on contributing to both rigorous scholarly research and real-world applications, particularly in understanding how strategic innovation can drive entrepreneurial growth. I maintain a continuous interest in learning, development, and exploring emerging opportunities across diverse industries.

Education

Ph.D. in Administration, Schulich School of Business, York University, Toronto, Canada	2026-2031
Strategic Management Concentration	(Expected)
Master of Business Administration, Sharif University of Technology, Tehran, Iran	2018-2021
GPA: 18.05/20 (3.94/4)	
B.Sc. in Mechanical Engineering, K.N. Toosi University of Technology, Tehran, Iran	2013-2018
GPA: 16.02/20 (3.25/4)	

Research Interests

Organizational Strategy, Digital Platforms, AI in Business, and Technology Management

Publications

- 1) Pazhouhan, M., Mirzaie, A., Jahanbakht, M., & Eftekhari, F. (2026). **Mapping the Field of Design Thinking in Entrepreneurship: A Bibliometric and Topic Modeling Review**. *International Journal of Innovation Studies*, Article 100220. <https://doi.org/10.1016/j.ijis.2026.100220>
- 2) Mirzaei, A., Pazhouhan, M., Rezanejad, K., Jahanbakht, M., & Guedes Soares, C. (2026). **A Review of Artificial Intelligence Methodologies in Marine Renewable Energy Technologies**. *Ocean Engineering*, 364(Part 1), Article 126810. <https://doi.org/10.1016/j.oceaneng.2026.126810>
- 3) Mohammadi, N., Pazhouhan, M., & Sabet, M. (2026). **Mapping the Architecture of Global Maritime Trade: A Network Perspective on Strategic Interdependencies**. *Research in Globalization*, 100361. <https://doi.org/10.1016/j.resglo.2026.100361>
- 4) Mirzaei, A., Pazhouhan, M., Jahanbakht, M., & Eftekhari, F. (2026). **Artificial intelligence Across Design Thinking: A Qualitative Review**. *Design Science*, 12, e10. <https://doi.org/10.1017/dsj.2026.10054>
- 5) Pazhouhan, M., Karimi Mazraeshahi, A., Jahanbakht, M., Rezanejad, K., & Rohban, M. H. (2024). **Wave and Tidal Energy: A Patent Landscape Study**. *Journal of Marine Science and Engineering*, 12(11), 1967. <https://doi.org/10.3390/jmse12111967>

Research Projects

- 1) Tajedin, H., Nevo, D., & Pazhouhan, M. (2026). [Title Redacted]. Working paper; Under Review at *Information and Organization*.
- 2) Tajedin, H., Madhok, A., Nevo, D., & Pazhouhan, M. (2026). **The Invisible Product: Digital Firm-Designed Markets**. Working paper; Targeted for *Strategy Science*.
- 3) Pazhouhan, M., & Jahanbakht, M. (2026). **A Taxonomy of Methods for Detecting and Forecasting Technological Emergence: A Large-Scale LLM-Assisted Computational Analysis**. Working paper; Targeted for *Technological Forecasting and Social Change*.

Research Experience

Technology, Entrepreneurship, and Innovation Laboratory, Sharif University of Technology

Research Assistant, Supervisor: Dr. Jahanbakht

Jan 2024- Dec 2025

Teaching Experience

Business Model Innovation, Sharif University of Technology

Supervisor: Dr. Jahanbakht

Fall 2024

Web3 (Blockchain) Entrepreneurship, Sharif University of Technology

Supervisors: Dr. Tajedin, Dr. Bahramgiri, Dr. Bahrak

Spring 2024

Platform Business Models, Sharif University of Technology

Supervisor: Dr. Tajedin

Fall 2023

Technology Forecasting and Assessment, Sharif University of Technology

Supervisor: Dr. Roshani

Spring 2023

Management of Technological Innovation, Sharif University of Technology

Supervisor: Dr. Miremadi

Fall 2022

Computer Skills

Skills: Python, R, MATLAB, Stata, SPSS, SMARTPLS, Hyperresearch, NVivo, PostgreSQL, Sci2, Gephi

Techniques: Machine Learning (ML), Natural Language Processing (NLP), Large Language Models (LLM)

Test Scores

GRE General (November 2024): 328 (Verbal Reasoning:160, Quantitative Reasoning:168, Analytical Writing:3.5)

TOEFL iBT (December 2024): 108 (Reading:29, Listening:28, Speaking:24, Writing:27)

Certifications

Machine Learning Specialization (Coursera)

Mathematics for Machine Learning and Data Science Specialization (Coursera)

Database Design and Basic SQL in PostgreSQL (Coursera)

Crash Course on Python (Coursera)

Honors and Awards

- Schulich Entrance Scholarship (Merit-based Award)
- Placed in the top 10% of MBA Cohort at Sharif University of Technology
- Ranked 43rd among 40,000 Participants in MBA Entrance Exam
- Ranked in Top 0.1 Percent of 350,000 Participants in the Iranian National University Entrance Exam

Work Experience

Co-Founder and Business Developer, Vista Technology Group, (Jan 2020- Present)

- Co-founded and led Vista Technology Group, an IT firm focusing on software and data management services, overseeing both business development and project management.
- Led cross-functional teams to develop digital products from ideation to launch, with full accountability for project management, requirements gathering, and testing.
- Collaborated with software developers, engineers, and stakeholders to drive product innovation and resolve project challenges, ensuring high-quality deliverables.
- Developed and implemented project management methodologies and agile frameworks to optimize team performance and drive efficiency in the software development lifecycle.