MOHAMADREZA PAZHOUHAN

Personal Information

Place and Date of Birth:	Iran, Tehran | 9 August 1995
Institution:	Sharif University of Technology, Tehran, Iran
Email:	mohamadrezapazhouhan@gmail.com
Website:	mohamadreza-pazhouhan.github.io/cv

Education

M.Sc. in Business, Major: Technology, Sharif University of Technology
GPA: 18.05/20 (3.94/4)

Tehran, Iran, 2018 to 2021

B.Sc. in Mechanical Engineering, K.N. Toosi University of Technology
GPA: 16.02/20 (3.25/4)

Tehran, Iran, 2013 to 2018

Research Interests

Main interests include **Entrepreneurship** & **Digital Platforms**
Also interested in **AI in Business**, **Technology Management**

Computer Skills

Programming:	Python, R, MATLAB
Statistics:	Stata, SPSS
Structural Equation Modeling:	SMARTPLS
Qualitative Data Analysis:	Hyperresearch, NVivo
Database Management:	PostgreSQL
Network Analysis:	Sci2, Gephi

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)

Publication

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

- Mirzaie, A., Pazhouhan, M., Jahanbakht, M., & Eftekhari, F. (2025). *Design Thinking and Artificial Intelligence: Evolving Frameworks for Entrepreneurship and Innovation.* Under Review at *Design Science*
- Tajedin, H., & Pazhouhan, M. (2025). *From Experimentation to Institutionalization: How Digital Platform Owners Structure Interactions of Participants.* Working paper; Targeted for **Information and Organization.**
- Mirzaei, A., Pazhouhan, M., Jahanbakht, M., Rezanejad, K., & Soares, C.G. (2025). *A Review of Artificial Intelligence Methodologies in Marine Renewable Energy Technologies.* Working paper; Targeted for *Energy and AI.*
- Pazhouhan, M., & Jahanbakht, M. (2025). *Emerging Technology Detection: A Taxonomy-based Approach to Forecasting Technological Change.* Targeted for *Journal of Engineering and Technology Management*.

Research Experience

Technology, Entrepreneurship, and Innovation Laboratory, Sharif University of Technology
Research Assistant, Supervisor: Dr. Jahanbakht

Jan 2023- Present

Teaching Experience

Business Model Innovation, Sharif University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Fall 2024
- Supervisor: Dr. Jahanbakht

Web3 (Blockchain) Entrepreneurship, Sharif University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Spring 2024
- Supervisors: Dr. Tajedin, Dr. Bahramgiri, Dr. Bahrak

Platform Business Models, Sharif University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Fall 2023
- Supervisor: Dr. Tajedin

Technology Forecasting and Assessment, Sharif University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Spring 2023
- Supervisor: Dr. Roshani

Technology Forecasting and Assessment, Amirkabir University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Spring 2023
- Supervisor: Dr. Roshani

Management of Technological Innovation, Sharif University of Technology
- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant — Fall 2022
- Supervisor: Dr. Miremadi

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

- Placed in the top 10% of MBA cohort at Sharif University of Technology.
- Ranked 43rd among 40,000 participants in MBA university entrance exam.
- Ranked in top 0.1 percent of nearly 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.
- Drove business growth by identifying new market opportunities, forming strategic partnerships, and creating value-driven solutions that met the evolving demands of the IT industry.

References

Dr. Mehdi Kiamehr:	kiamehr@sharif.edu
Dr. Iman Miremadi:	simiremadi@sharif.edu
Dr. Mohammad Jahanbakht:	mohammad.jahanbakht@uta.edu