

# 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

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|--|----------------------------|
| M.Sc. in MBA, Major: Technology, Sharif University of Technology<br>GPA: 18.05/20 (3.94/4)     | Tehran, Iran, 2018 to 2021 |
| B.Sc. in Mechanical Engineering, K.N. Toosi University of Technology<br>GPA: 16.02/20 (3.25/4) | Tehran, Iran, 2013 to 2018 |
| Diploma in Physics and Mathematics, Alborz High School   | Tehran, Iran, 2008 to 2013 |

## Research Interests

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

## Computer Skills

|                                  |                         |
|----------------------------------|-------------------------|
| Programming:                     | Python, R, MATLAB       |
| Statistics:                      | Stata, SPSS             |
| Structural Equation Modeling:    | SMARTPLS                |
| Qualitative Data Analysis:       | Hyperresearch, NVivo    |
| Database Management:             | PostgreSQL              |
| Typesetting:                     | LaTeX, Microsoft Office |
| Data Analysis and Visualization: | 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)

## Languages

- Persian (Native)
- English (Professional)

## 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

- |   |               |
|---|---------------|
| - Tajedin, H., Pazhouhan, M. (2024). A Duality of Firm-designed Markets   | Working Paper |
| - Tajedin, H., Pazhouhan, M. (2024). From Experimentation to Institutionalization: How Digital Platform Owners Structure Interactions of Participants | Working Paper |
| - Pazhouhan, M., Mirzaei, A., Jahanbakht, M., Rezanejad, K., Soares, C.G. (2024). Artificial Intelligence in Ocean Renewable Energies                 | Working Paper |

## Research Experience

|  |                   |
|--|-------------------|
| Technology, Entrepreneurship, and Innovation Laboratory, Sharif University of Technology<br>Research Assistant, Supervisor: Dr. Jahanbakht | Jan 2023- Present |
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## Teaching Experience

### Business Model Innovation, Sharif University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisor: Dr. Jahanbakht

Fall 2024

### Web3 (Blockchain) Entrepreneurship, Sharif University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisors: Dr. Tajedin, Dr. Bahramgiri, Dr. Bahrak

Spring 2024

### Platform Business Models Course, Sharif University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisor: Dr. Tajedin

Fall 2023

### Technology Forecasting and Assessment Course, Sharif University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisor: Dr. Roshani

Spring 2023

### Technology Forecasting and Assessment Course, Amirkabir University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisor: Dr. Roshani

Spring 2023

### Management of Technological Innovation Course, Sharif University of Technology

- Course Coordinator, Teaching Assistant, Assignment Designer and Grading Assistant
- Supervisor: Dr. Miremadi

Fall 2022

## 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 +40000 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.
- Managed project budgets and resource allocation, ensuring optimal use of financial and human capital while maintaining project timelines and quality standards.

## References

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