



# Dr. Mojtaba Madadyar

Faculty member, Islamic Azad University — Ph.D. in Artificial Intelligence and Robotics

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Google Scholar · ResearchGate · OpenAlex

## Education

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|--------------------------------------------------------------------|-----------|
| Ph.D., Computer Engineering — Artificial Intelligence and Robotics | 2016–2026 |
| M.Sc., Computer Engineering — Software                             | 2006–2008 |
| B.Sc., Computer Engineering — Software                             | 2002–2006 |

## Appointments

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| Full-time faculty, Computer Department, Islamic Azad University — Faculty of Skills and Entrepreneurship | 2009–present |
| Dean, Faculty of Islamic Education, Islamic Azad University of West Azerbaijan                           | 2023–2024    |
| Deputy for Sama schools and secretary of the provincial supervision council                              | 2022–2024    |
| Academic and research deputy, Sama Technical College                                                     | 2013–2021    |
| Chair, Sama Young Researchers and Elites Club                                                            | 2013–2016    |
| Research council member and head of Software Engineering                                                 | 2009–2013    |

## Selected publications

- Madadyar M, Majidnezhad V, Bagherzadeh Mohasefi J, Gharehchopogh F S. *An enhanced hybrid optimization algorithm for community detection in social network. International Journal of Data Science and Analytics*, 20(6), 5337–5359, 2025.
- Soldozian A, Madadyar M. *Design and implementation of graph-neural smart networks for energy distribution optimization in smart cities. 4th International Conference on Artificial Intelligence*, 2024.
- Mokhtari M, MadadyarAdeh M. *A New Operating System Based on Cloud Computing: Its Principles and Design. European Journal of Scientific Research*, 96(2), 2013.
- MadadyarAdeh M, Bagherzadeh J. *An Improved Ant Algorithm for Grid Scheduling Problem Using Biased Initial Ants. IEEE ICCRD*, 2011.
- MadadyarAdeh M, Bagherzadeh J. *An Improved Ant Algorithm for Grid Scheduling Problem. IEEE CSICC*, 2009.

## Books

- Madadyar M, Siahcheshm K. *English for Students of Computer Science and Information Technology. Khat-e Sefid*, 2015.
- Madadyar M, Naghib A. *Database Laboratory: Microsoft SQL Server. Payam Sama*, 2014.

## Selected projects

- Islamic Azad University Teaching Assistant and Skill Yar platforms (national)
- Islamic Azad University Payesh monitoring system (national)
- Young Researchers and Elites Club portals for Sama and IAU (national)

- SamaYar and Hamrah Sama systems (university)

**Selected honors**

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| Provincial top technologist; commendation from the Governor of West Azerbaijan      | 2023       |
| Top researcher in extra-university projects, IAU West Azerbaijan                    | 2023, 2024 |
| First place, 34th National Quran and Itrat Festival, technology — application track | 2020       |
| First place, papers track, Iran National Software Engineering Conference, Roudehen  | 2011       |