

Mohammadmostafa Rostamkhani

Curriculum Vitae

Tehran, Iran | mohammadmostafarostamkhani@gmail.com

Google Scholar | GitHub | Hugging Face | ResearchGate | alphaXiv | LinkedIn | X

Research Interests

Multimodal learning and vision-language reasoning; visual question answering; natural language processing, including text classification, question answering, and token classification; deep learning and computer vision.

Education

Iran University of Science and Technology

Sep. 2022 - Nov. 2024

M.Sc. in Artificial Intelligence, Department of Computer Engineering

GPA: 19.52/20; ranked first in graduating cohort.

Thesis: *Enhancing Reasoning of Multimodal Models Using Text-to-Image and Large Language Models*. Supervisor: Dr. Sauleh Eetemadi.

Iran University of Science and Technology

Sep. 2018 - Jul. 2022

B.Sc. in Computer Science

GPA: 19.13/20; ranked first in graduating cohort.

Allameh Helli High School (SAMPAD)

Sep. 2014 - Jul. 2018

High school diploma

GPA: 20/20; rank: first.

Publications and Workshop Contributions

Publications

- [1] **Illusory VQA: Benchmarking and Enhancing Multimodal Models on Visual Illusions**
Mohammadmostafa Rostamkhani, Baktash Ansari, Hoorieh Sabzevari, Farzan Rahmani, Sauleh Eetemadi.
IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), MAR Workshop, 2025 Paper
Spotlight at MAR, CVPR 2025; also presented as a spotlight at MAR, NeurIPS 2024. Code Datasets
- [2] **Word2winners at SemEval-2025 Task 7: Multilingual and Crosslingual Fact-Checked Claim Retrieval**
Amirmohammad Azadi, Sina Zamani, **Mohammadmostafa Rostamkhani**, Sauleh Eetemadi.
Proceedings of the 19th International Workshop on Semantic Evaluation (SemEval), 2025 Paper
- [3] **ROSHA at SemEval-2024 Task 9: BRAINTEASER A Novel Task Defying Common Sense**
Mohammadmostafa Rostamkhani, Shayan Mousavinia, Sauleh Eetemadi.
Proceedings of the 18th International Workshop on Semantic Evaluation (SemEval), 2024 Paper
- [4] **BAMO at SemEval-2024 Task 9: BRAINTEASER: A Novel Task Defying Common Sense**
Baktash Ansari, **Mohammadmostafa Rostamkhani**, Sauleh Eetemadi.
Proceedings of the 18th International Workshop on Semantic Evaluation (SemEval), 2024 Paper

- [5] **eagerlearners at SemEval2024 Task 5: The Legal Argument Reasoning Task in Civil Procedure**
Hoorieh Sabzevari, **Mohammadmostafa Rostamkhani**, Sauleh Eetemadi.
Proceedings of the 18th International Workshop on Semantic Evaluation (SemEval), 2024 Paper
- [6] **Detecting Hate Speech and Offensive Content in English and Indo-Aryan Texts**
Mohammadmostafa Rostamkhani, Sauleh Eetemadi.
FIRE 2023 Working Notes, CEUR Workshop Proceedings, Vol. 3681, 2023 Paper
- [7] **ROZAM at SemEval 2023 Task 9: Multilingual Tweet Intimacy Analysis**
Mohammadmostafa Rostamkhani, Ghazal Zamaninejad, Sauleh Eetemadi.
Proceedings of the 17th International Workshop on Semantic Evaluation (SemEval), 2023 Paper

Workshop Contribution

Hate Speech and Offensive Content Identification For Low-Resource Languages

Mohammadmostafa Rostamkhani, Sauleh Eetemadi.

Widening NLP (WiNLP), 2023. Workshop contribution. Manuscript

Honors

Second place (team), Rayan AI 2025 World Finals

Member of *AI Guardians of Trust*. Official results

Teaching Experience

Instructor

Gold Medal Training Course

Fall 2025

Young Scholars Club

Top-40 Training Course

Summer 2025

Young Scholars Club

Teaching Assistant

System 2

Spring 2026

Sharif University of Technology; graduate course

Multimodal Models

Fall 2025

Iran University of Science and Technology; graduate course

Deep Learning

Spring 2025

Iran University of Science and Technology; graduate course

Computational Intelligence

Spring 2025

Iran University of Science and Technology; undergraduate course

Embedded Systems

Fall 2024

Iran University of Science and Technology; undergraduate course

Natural Language Processing

Fall 2024

Iran University of Science and Technology; graduate course

Natural Language Processing

Spring 2024

Iran University of Science and Technology; undergraduate course

Deep Learning

Spring 2024

Iran University of Science and Technology; graduate course

Multi-Agent Systems	Spring 2024
Iran University of Science and Technology; graduate course	
Natural Language Processing	Spring 2023
Iran University of Science and Technology; undergraduate course	
Operating Systems (Head Teaching Assistant)	Spring 2022
Iran University of Science and Technology; undergraduate course	
Operating Systems	Fall 2021
Iran University of Science and Technology; undergraduate course	
Artificial Intelligence	Fall 2021
Iran University of Science and Technology; undergraduate course	
Algorithm Design	Fall 2020
Iran University of Science and Technology; undergraduate course	
Data Structures	Spring 2020
Iran University of Science and Technology; undergraduate course	
Advanced Programming	Fall 2019
Iran University of Science and Technology; undergraduate course	

Research and Professional Experience

ZharfaTech	Aug. 2025 - Present
NLP Researcher	
Dadmotech	Nov. 2024 - Apr. 2025
NLP Engineer	
Middle East Bank	Sep. 2022 - Nov. 2023
Data Scientist, Business Intelligence	
Trading Algorithm Lab, IUST	Feb. 2022 - Sep. 2022
Developer	

Technical Skills

Programming: Python, C, C++, C#, JavaScript, VHDL, Verilog
Machine learning and NLP: PyTorch, TensorFlow, Keras, scikit-learn, XGBoost, Hugging Face Transformers, Sentence Transformers, Gensim, NLTK
Data and vision: NumPy, pandas, OpenCV
Inference and tooling: vLLM, Ollama, TensorBoard; Linux shell and Bash
Visualization: Matplotlib, Seaborn, Plotly Dash, Bokeh

Certifications

Python Data Structures; Advanced Algorithms and Complexity; Programming for Everybody; Programming in C#: A Comprehensive Approach to C# Fundamentals; Algorithms on Graphs; Algorithmic Toolbox; Algorithms on Strings; Data Structures.

Languages

Persian (native); English.