Mohammad Reza Ghasemi Madani
Master of Science in Artificial Intelligence

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EDUCATION

- University of Bologna, Italy   *9/2021 - 2/2024*
Master of Science in Artificial Intelligence – GPA: 107/110

- Iran University of Science and Technology, Iran   *9/2016 – 3/2021*
Bachelor of Science in Electrical Engineering, Electronics – GPA:16.53/20

RESEARCH AND WORK EXPERIENCE

- University of Trento – Graduate Research Collaborator   *4/2024 - 11/2024*
Subject: Trustworthiness, Interpretability, Explainability in Large Language Models.

- University of Edinburgh – Visiting Graduate Research Assistant   *2/2023 - 8/2023*
Subject: Developing Machine Reasoning Models and Comparing to Humans in NLP Tasks.

- Moj Pardaz – Software Engineer   *3/2020 - 8/2021*
Advanced C programming for embedded systems and Python programming for algorithm implementation.

- Iran University of Science and Technology – Undergraduate Research Assistant   *6/2019 – 9/2020*
Subject: Applications of Machine Learning and Evolutionary Algorithm in signal processing.

- Ehsan High School – Matehematics Teaching Assistant   *9/2016 – 6/2017*
Mathematics teaching assistant. Providing study plan, teaching mathematics, and taking exams.

PUBLICATIONS

- A P Gema, J O J Leang, G Hong, A Devoto, A C M Mancino, R Saxena, X He, Y Zhao, X Du, **M R Ghasemi**, C Barale, R McHardy, J Harris, J Kaddour, E V Krieken, P Minervini, "*Are We Done with MMLU?*" submitted to ARR for **NAACL 2025**. Preprint available. [pdf]

- M R Ghasemi and P Minervini, "*REFER: An End-to-end Rationale Extraction Framework for Explanation Regularization*," The 26th Conference on Computational Natural Language Learning (**CoNLL 2023**), pages 587–602, Singapore, 6-7 Dec 2023. [pdf]

HONORS AND AWARDS

- Borsa di studio post-laurea (Postgraduate research scholarship), University of Trento, 2024, 1000€/month.
A scholarship to conduct research at the University of Trento.

- Thesis Abroad Scholarship, University of Bologna, 2023, ~2000€.
A competitive program to conduct a thesis in top universities.

- The competition for incentives to students in the scientific-technological area, University of Bologna, 2022, ~2000€.
A competitive scholarship based on student performance during the academic year.

- Konkur, Iran Ministry of Science, Research and Technology, 2016, Full tuition fee exemption.
Ranked 1095th among over 160,000 participants in the University Entrance Exam in Iran, 2016.

REVIEWING

ICLR 2025 | CoNLL 2024 |

COMPUTER SKILLS

Tools: PyCharm, VSCode, Git, Matlab
Programming: Python (HuggingFace, Transformers, PyTorch, TensorFlow), C/C++

LANGUAGE SKILLS

Farsi: Native   **English:** Fluent - IELTS: 7   **Italian:** A1