





Mohammad Reza Ghasemi Madani

Master of Science in Artificial Intelligence

 (+39) 351 627 2637
 mr.ghasemimadani@unitn.it
 Google Scholar
 <https://qasemii.github.io/>

EDUCATION

- University of Bologna, Bologna, Italy** 9/2021 - 2/2024
Master of Science in Artificial Intelligence – GPA: 107/110
- Iran University of Science and Technology, Tehran, 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, Exploitability in Large Language Models.
- University of Edinburgh - Visiting Graduate Research Assistant** 2/2022 - 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.
- Moj Pardaz - Internship** 9/2019 – 3/2020
Implementing system algorithms in VHDL for FPGA.
- Iran University of Science and Technology - Undergraduate Research Assistant** 6/2019 – 9/2020
Subject: Applications of Machine Learning and Evolutionary Algorithm in GPS signal processing.
- Ehsan High School - 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 **NeurIPS 2024** Datasets and Benchmarks Track. [[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**), Singapore, 6-7 Dec 2023. [[pdf](#)]
- M R Ghasemi**, S. Tohidi, and M. R. Mosavi, “GNSS Interference Classification using Multi-Layer Perceptron Neural Network Trained by AGPSO,” The 19th International Conference of Iranian Aerospace Society, Iran, 18-20 May 2021. [[pdf](#)]
- M R Ghasemi**, S. Tohidi, M. R. Mosavi, “Smarting GPS Tracking Loop Using Neural Networks,” 5th International Conference on Combinatorics, Cryptography, Computer Science and Computing, Iran, 20-21 Feb 2021 (in Farsi). [[pdf](#)]

HONORS AND AWARDS

- Winner of “borsa di studio post-laurea” scholarship from the University of Trento (1000€/month).
- Winner of “Thesis Abroad” scholarship (~2000 €), a competitive program to conduct a thesis in top universities.
- Winner of “The competition for incentives to students in the scientific-technological area” (~2000 €).
- Ranked 1095th among over 160,000 participants in the University Entrance Exam in Iran, 2016.

COMPUTER SKILLS

IDEs/Tools: PyCharm, VSCode, Git, Matlab

Programming/Scripting: Python (Transformers, PyTorch, TensorFlow, PyQt), C/C++

LANGUAGE SKILLS

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