

Danial Namazifard

Masters Student Majoring in Artificial Intelligence

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Education

University of Tehran

SEPT 2022 – PRESENT

MS.c in Artificial Intelligence, Computer Engineering

- GPA: 4/4
- Advisor: Prof. Yadollah Yaghoobzadeh

University of Science and Culture

SEPT 2016 – SEPT 2021

BS.c in Safety Engineering

- GPA: 3.4/4
- Ranked 3rd among 60 Safety Engineering Student

Research Interests

- Multilingual Models
- Multi-Agent Systems
- Knowledge-Enhanced NLP
- Ethics and Fairness
- Responsible AI
- Cross-Lingual Transfer Learning

Publications

Benchmarking Large Language Models for Persian: A Preliminary Study Focusing on ChatGPT

A. Abaskohi, S. Baruni, M. Masoudi, ..., **Danial Namazifard**, P. Sadeghi, Y. Yaghoobzadeh

LREC-COLING 2024

Decoding Figurative Language: A Multilingual Exploration of Idioms and Similes

P. Khoshtab, A. Akhgary, S. Mahdizadeh Sani, M. Masoudi, **Danial Namazifard**, Y. Yaghoobzadeh

Submitted to The 2nd Workshop on Cross-Cultural Considerations in NLP

Research Experience

Graduate Research Assistant at the University of Tehran

MAY 2024 – PRESENT

Under Supervision of Prof. Mohammad Javad Dousti and Prof. Yadollah Yaghoobzadeh

- Investigating Large Language Models Cross-lingual Knowledge Transfer

Graduate Research Assistant at the University of Tehran

JAN 2023 – PRESENT

Under Supervision of Prof. Yadollah Yaghoobzadeh

- Benchmarking Large Language Models for Persian: A Preliminary Study Focusing on ChatGPT (LREC-COLING 2024)
- Decoding Figurative Language: A Multilingual Exploration of Idioms and Similes (C3NLP @ ACL 2024)

Research Assistant at the Institute for Research in Fundamental Sciences (IPM) JUL 2023 – JAN 2024

Under Supervision of Prof. Dara Rahmati

- Leveraging cutting-edge technologies and analytical tools to gain insights into the complex interplay between Artificial Intelligence and Financial markets, using Deep Reinforcement Learning.

Teaching Experience

Large Language Models, Prof. Mohammad Javad Dousti and Prof. Yadollah Yaghoobzadeh

Sp. 2024

Natural Language Processing, Prof. Hesham Faili

Sp. 2024

Honors and Awards

Admission to the University of Tehran, succeeded in university graduate entrance exam

Exempted from university entrance exam for M.Sc program, offered M.Sc program in the University of Science and Culture

Iran's Elites Foundation Membership

Skills

Programming Languages: Python, C++, SQL, MATLAB

Technologies: Git, Docker, Jupyter, Google Colab, L^AT_EX

Tools: PyTorch, Tensorflow, Keras, Matplotlib, sklearn, Pandas, NumPy, PySpark, NLTK, spaCy, Gensim, CUDA, GraphQL, PowerBI

Operating Systems: Linux (Ubuntu), Windows

Languages

English, Fluent (C1 level, IELTS score: 7)

Persian, Native

Professional Development

The following Online Courses Were Taken to Acquire Skills Relevant to My Research

Machine Learning Specialization, Coursera.org - Aug 2022

Deep Learning Specialization, Coursera.org - Sept 2022

Neural Networks and Deep Learning, Coursera.org - Oct 2022

Natural Language Processing with Deep Learning, Stanford.edu - Mar 2023

Functions, Tools and Agents with LangChain, DeepLearning.ai - Jan 2024

Generative AI with LLMs, DeepLearning.ai - Mar 2024

Notable Projects

Natural Language Processing Course Assignments @ University of Tehran (Sp. 2023), Including Tokenization, Naive Bayes, RNN, LSTM, Transformers, Machine Translation, Chatbot, and NLU

Foundational Models in NLP Course Assignments @ University of Tehran (F. 2023), Including LLMs Fine-tuning, Prompt Engineering, LoRA, QLoRA, RLHF, Multilinguality, and Evaluation

Machine Learning Course Assignments @ University of Tehran (F. 2023), Including Linear Regression, Logistic Regression, Decision Tree, K Means Clustering, SVM, Kernel, and PCA

Artificial Neural Network Course Assignments @ University of Tehran (F. 2023), Including MLP, CNN, RCNN, BRCNN, RNN, Transformers, and GAN
