Majid Zarharan

• My Website • +98 935 927 5815 • last update: October 2021
• Google Scholar Profile
• Academic Mail • Gmail

Education

Present July 2018	**Iran University of Science and Technology (IUST)**	Tehran, Iran

- Ranked 4th among all Iranian Universities (Based on the QS World University Rankings 2020)
- Master's degree in Artificial Intelligence
- Supervisor: Dr. Sauleh Eetemadi and Dr. Mohammad Taher Pilehvar
- GPA: 3.65 (Ranked 6th among 28 students)

2011 2009	**Raja University**	Qazvin, Iran

- BSc. Computer Engineering
- GPA: 3.84
- Supervisor: Dr. Hooshang Azizi

2009 2007	**Vocational Technical University**	Shirvan, North Khorasan, Iran

- It is called Professor Hessabi
- Associate of Computer Software
- GPA: 3.82

Honors and Awards

- **Ranked 150th** in the National Universities Entrance Exam in M.Sc Degree, in Artificial intelligence discipline **among near 30,000 Participants**.
- **Member of** Iran's National Elites Foundation since 2019.
- **Ranked 6th among 28 graduate** students of AI in the Department of Computer Engineering **with a 3.65 GPA**.
- **Ranked 3rd among 120 undergraduate** students in the Department of Computer Engineering **with a 3.84 GPA**.
- **Ranked 1st among 30 students** in the Vocational Technical University **with a 3.82 GPA**.

Research Interests

- Natural Language Processing
- Deep Learning
- Machine Learning (Lifelong learning, Few-shot learning, …)
- Transfer Learning
- Multimodal AI
- Fake News Detection and Fact-checking
- Visual Question Answering
- Question Answering
- Open Domain Chatbot
- Computer Vision

Publications

Persian Stance Classification Data Set. [pdf] *(TTO 2019)*
M. Zarharan, S. Ahangar, F. Rezvaninejad, M. Lotfi Bidhendi, Sh. Jalali , M. Pilevar, B. Minaei and S. Eetemadi

ParsFEVER: a Dataset for Farsi Fact Extraction and Verification. [link] *(*SEM 2021)*
M. Zarharan, M. Ghaderan, A. Pourdabiri, Z. Sayedi, B. Minaei-Bidgoli, S. Eetemadi and M. Pilehvar.

Persian Fake News Detection Using Stance Classification. **(In Prep)**

Automatic Construction of a Large-scale Dialogue Dataset Based On Movie Subtitles. **(In Prep)**

Developing an Open-Domain Dialogue System, Considering Text and Voice of Movie Dialogues. **(In Prep)**

Academic Projects

Persian Fake News Detection

In this project, I use Persian stance detection in order to detect fake news. In addition, this is my Master's dissertation.

Oct 2020 – Present

Persian Stance Detection [get data]

The final project of the deep learning and natural language processing courses. My "Persian stance classification data set" paper is the result of this project.

Aug 2019 – Jun 2020

Educational Data Mining [get data]

The final project of the data mining course. In this project, I examined students' information and obtaining reasons for academic growth, academic failure, and dropout.

Jan 2020 – Jun 2020

Movie Sentiment Analysis

The final project of the machine learning course.

Jan 2020 – Jun 2020

Improving the Prediction of the Minority Class

One of the pattern recognition course projects. Performing different methods of classifying imbalanced data in order to have realistic accuracy.

Jul 2019 – Sep 2019

Online Education Website

The final project of the Bachelor's degree.

2011

Research Experience

Developing a Persian Fake News Detection System
- *Project Manager and NLP Researcher*
- *Dadmatech company*
- *Jun 2021 – Present*

Developing a Persian Chit-Chat Dialogue System
- *Project Manager and NLP Researcher*
- *Dadmatech company*
- *Jul 2020 – Jun 2021*

Developing a Persian Fact-checking System
- *Project Manager and NLP Researcher*
- *Iran's National Elites Foundation*
- *Nov 2019 – Sep 2020*

Industry Experience

Senior .Net Developer at Pajouhesh va Noavari Sanaye Amouzeshi
- *Oct 2017 – Jul 2020*
- *Analyzing, programming, and developing web application projects.*

Industry Experience

Full Stack Developer at Ican Engineering Group
- *Feb 2016 – Oct 2017*
- *Analyzing, programming, and developing web application projects.*
- *Developing Windows applications.*

Full Stack Developer at Mahan SMS
- *Jan 2013 – Feb 2016*
- *Analyzing, programming, and developing web application projects.*
- *Developing Windows applications.*

Teaching Experience

Natural Language Processing, Computer Engineering Department of Iran University of Science and Technology, Tehran, Iran
- *Feb 2021 – Aug 2021*
- *Working as a teacher assistant.*

Data Mining, Computer Engineering Department of Iran University of Science and Technology, Tehran, Iran
- *Feb 2021 – Aug 2021*
- *Working as a teacher assistant.*

Fundamentals of Computer Programming, Computer Engineering Department of Iran University of Science and Technology, Tehran, Iran
- *Sep 2019 – Feb 2020*
- *Working as a teacher assistant.*

Computer Skills

Programming
- *Python (Keras, TensorFlow, PyTorch, sklearn, matplotlib, numpy, …), Django, ASP.NET, C#, HTML/CSS, jQuery, SQL*

Application
- *PyCharm, Visual Studio, MS SQL Server, Microsoft Office*

Platforms
- *Windows, Linux*

Certificates

Neural Networks and Deep Learning [link]
- *2020*
- *From coursera.org*

Deep Learning in Machine Vision and Image Processing Course [link]
- *2020*
- *From Iranian Machine Vision and Image Processing Association.*

Languages

Persian
- *Native Language*

English
- *Overall 6.5 (speaking:7, reading: 6.5, listening and writing: 6)*
- *I faced a problem during the Written exam. I could get a higher score if necessary.*

Other Interests

Soccer, Volleyball, Ping Pong, Badminton, Bodybuilding and Camping

Reference Professors

- Behrouz Minaei Bidgoli, Associate Professor, Department of Computer Engineering, Iran University of Science and Technology, Tehran, Iran; b_minaei@iust.ac.ir
- Mohammad Taher Pilehvar, Assistant Professor, Department of Computer Engineering, Iran University of Science and Technology, Tehran, Iran; mp792@cam.ac.uk
- Sauleh Eetemadi, Assistant Professor, Department of Computer Engineering, Iran University of Science and Technology, Tehran, Iran; sauleh@gmail.com