Majid Zarharan

• My Website • +98 935 927 5815 • last update: November 2020
• Google Scholar Profile
• Academic Mail • Gmail

Education

Present July 2018	**Iran University of Science and Technology (IUST)** Tehran, Iran • Ranked 3rd among all Iranian Universities (Based on the QS World University Rankings 2020) • Master's degree of Artificial Intelligence • Supervisor: Dr. Sauleh Eetemadi • GPA [up to now via 23 credits]: 3.61
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 20,000 Participants**.
- Member of Iran's National Elites Foundation since 2019.
- **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
- Transfer Learning
- Fake News Detection
- Fact-checking
- Visual Question Answering
- Question Answering
- Open Domain Chatbot
- Computer Vision

Publications

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

Developing Dialogue Dataset Using Movie Subtitles
Submitted paper, Oct 8 2020.
EACL 2021.

Designing a Chit-Chat Model Using Text and Voice of Movie Dialogues
In Prep, Nov 24 2020.
NAACL 2021.

Persian Fake News Detection by Using Stance Classification
In Prep, Feb 2 2021.
ACL 2021.

Publications

Developing a Model for Persian Fact Extraction and Verification with a Novel Benchmark Dataset.

In Prep, Feb 2 2021.

ACL 2021.

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 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

Final project of Bachelor's degree.

2011

Research Experience

Developing Persian Chit-Chat Dialogue System

* *Director of Artificial Intelligence Team and NLP Researcher*
* *Dadmatech company*
* *Jul 2020 – Present*

Developing Persian Fake News Detection 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 <u>Ican Engineering Group</u>
* *Feb 2016 – Oct 2017*
* *Analyzing, programming, and developing web application projects.*
* *Developing windows applications.*

Full Stack Developer at <u>Mahan SMS</u>
* *Jan 2013 – Feb 2016*
* *Analyzing, programming, and developing web application projects.*
* *Developing windows applications.*

Teaching Experience

Data Mining, Computer Engineering Department of Iran University of Science and Technology, Tehran, Iran
* *Feb 2020 – Aug 2020*
* *Worked as a teacher assistants.*

Teaching ICDL at Sinai School, Abyek, Iran
* *2011 – 2012*
* *Teached some computer skills which include MS Word, MS Excel and etc.*

Computer Skills

Programming
* *Python (Keras, TensorFlow, PyTorch), ASP.NET, C#, HTML/CSS, JavaScript, jQuery, Angular, SQL*

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

Platforms
* *Windows, Linux*

Certificates

Neural Networks and Deep Learning [<u>link</u>]
* *2020*
* *From coursera.org*

Deep Learning in Machine Vision and Image Processing Course [<u>link</u>]
* *2020*
* *From Iranian Machine vision and Image Processing Association.*

Languages

Persian
* *Native Language*

English
* *Scheduled to participate in IELTS academic test on Dec 5 2020*

Other Interests

Soccer, Volleyball, Ping Pong, Badminton, Body Building, Camping

Reference Professors

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