

# Majid Zarharan

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## Education

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Present July 2018	<b>Iran University of Science and Technology (IUST)</b> <ul style="list-style-type: none"><li>Ranked 3rd among all Iranian Universities (Based on the <a href="#">QS World University Rankings 2020</a>)</li><li>Master's degree in Artificial Intelligence</li><li>Supervisor: Dr. Sauleh Eetemadi</li><li>GPA [up to now via 23 credits]: 3.61</li></ul>	Tehran, Iran
2011 2009	<b>Raja University</b> <ul style="list-style-type: none"><li>BSc. Computer Engineering</li><li>GPA: 3.84</li><li>Supervisor: Dr. Hooshang Azizi</li></ul>	Qazvin, Iran
2009 2007	<b>Vocational Technical University</b> <ul style="list-style-type: none"><li>It is called Professor Hessabi</li><li>Associate of Computer Software</li><li>GPA: 3.82</li></ul>	Shirvan, North Khorasan, Iran

## Honors and Awards

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- 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 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

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- 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

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### 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 a Model for Fact Extraction and Verification using a Novel Benchmark Dataset.

Submitted, Feb 2 2021.

*ACL 2021.*

### Persian Fake News Detection Using Stance Classification

In Prep, May 17 2021.

*EMNLP 2021.*

## Academic Projects

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### 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

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### Developing a Persian Chit-Chat Dialogue System

- *Director of Artificial Intelligence Team and NLP Researcher*
- [Dadmataech 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

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### Senior .Net Developer at [Pajouhesh va Noavari Sanaye Amouzeschi](#)

- *Oct 2017 – Jul 2020*
- *Analyzing, programming, and developing web application projects.*

### Full Stack Developer at [Ican Engineering Group](#)

- *Feb 2016 – Oct 2017*
- *Analyzing, programming, and developing web application projects.*
- *Developing Windows applications.*

## Industry Experience

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### Full Stack Developer at Mahan SMS

- \* Jan 2013 – Feb 2016
- \* Analyzing, programming, and developing web application projects.
- \* Developing Windows applications.

## Teaching Experience

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### Data Mining, Computer Engineering Department of Iran University of Science and Technology, Tehran, Iran

- \* Feb 2020 – Aug 2020
- \* Working as a teacher assistants.

### Teaching ICDL at Sinai School, Abyek, Iran

- \* 2011 – 2012
- \* Teaching some computer skills which include MS Word, MS Excel and etc.

## Computer Skills

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### Programming

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

### Application

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

### Platforms

- \* Windows, Linux

## Certificates

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### 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

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### Persian

- \* Native Language

### English

- \* Scheduled to participate in IELTS academic test on Feb 20 2021

## Other Interests

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

## Reference Professors

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- Behrouz Minaei Bidgoli, Associate Professor, Department of Computer Engineering, Iran University of Science and Technology, Tehran, Iran; [b\\_minaei@iust.ac.ir](mailto: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](mailto:mp792@cam.ac.uk)
- Sauleh Eetemadi, Assistant Professor, Department of Computer Engineering, Iran University of Science and Technology, Tehran, Iran; [sauleh@gmail.com](mailto:sauleh@gmail.com)