

# 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 of 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 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

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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 Dialogue Dataset Using Movie Subtitles

Submitted paper, Oct 8 2020.  
*EACL 2021.*

### Designing a Chit-Chat Model Using Text and Voice of Movie Dialogues

Submitted paper, Nov 24 2020.  
*NAACL 2021.*

### Persian Fake News Detection by Using Stance Classification

In Prep, Feb 2 2021.  
*ACL 2021.*

## Publications

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

In Prep, Feb 2 2021.

ACL 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 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

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### Developing Persian Chit-Chat Dialogue System

- Director of Artificial Intelligence Team and NLP Researcher
- Dadmatach 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.

## Industry Experience

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### 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

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### 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

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### 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

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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 Dec 5 2020

## Other Interests

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