

## Education

### IUST University ([among the top 4 universities in Iran](#))

Tehran, Iran

B.Sc. in Computer Science at Iran University of Science & Technology

2019 - 2023

- GPA: 3.79/4.0 (17.9/20.0 in Iranian Scale)
- Selected Courses: NLP(A+), Deep Learning(A+), Artificial Intelligence(A+), Computational Intelligence(A+), Computer Vision(A), Database Design(A+), Graph Theory(A+), Statistics(A+)

## Research Interests

• Machine Learning • NLP • Data Engineering • GANs • Generative Models

## Research Experience

### Image manipulating of a person based on detected personality from text

IUST University

Bachelor Thesis - Supervisor: Dr. Sauleh Eetemadi

Jun 2023 - present

- Data Collection
- Data Generation by LLMs
- GAN Inversion

### Interpretable Fact Checking

IUST NLP Lab

This work is a continuation of the Claim Extraction

Jul 2023 - present

- Extracting Atomic-Facts
- Developing a new evaluation metric

### GPT-Stance Detection

IUST NLP Lab

Supervisor: Dr. Sauleh Eetemadi - [GitHub](#)

Apr 2023 - Aug 2023

- Generating text with GPT-3
- Proposing a new dataset
- Proposing a new pipeline for Stance Detection

### Adversarial Stance Detection

IUST NLP Lab

The full report of the VQA project is [here](#)

Feb 2022 - Sep 2022

- Adversarial Networks
- Topic invariant models
- Cross-target adaptation

### Claim Extraction

IUST NLP Lab

I helped a senior student with her bachelor's Thesis in this project - [proposal](#)

Feb 2022 - Jun 2022

- Sub-claim extraction from a complex claim
- Preparing a data set for this task
- Working with Large Language Models

### Multimodal Fake News

IUST NLP Lab

We searched for ways to evaluate the realness of news in which visual content was available.

Fall 2021

## Publications

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**Improving Few-Shot Stance Detection Performance with Contextual Data Generation**      Submitted  
WiNLP - [GitHub](#)  
Authors: G. Mahmoudi, **B. Behkamkia**, S. Eetemadi

## Work Experience

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**NLP and Machine Learning Intern**      DADMATECH  
Robot User Detection - Supervisor: Dr. Sauleh Eetemadi      Dec 2021 – Aug 2022

- Working with BERT & BigBird
- Crawling Twitter
- Feature Extraction

## Course Projects

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**Personality Detection and Data Generation**      IUST University  
Natural Language Processing Course - [GitHub](#)      Spring 2023

- Fine-tuning Large Language Models
- Working with Transformers

**Crack Detection**      IUST University  
Computer Vision Course - [GitHub](#)      Fall 2022

- Image Preprocessing
- Matching Key Points
- Morphology
- Using Pretrained U-net

**Covid-19 Prediction**      IUST University  
Deep Learning Course - [GitHub](#)      Fall 2022

- Image Preprocessing
- Data Augmentation
- Squeeze-Net

## Awards

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**Ranked Within the Top 0.3% in Iranian University Entrance Exam**      July 2019  
Mathematics and Physics majors

- Ranked 500 among 164000 students

**Olympiads**      2017 & 2018  
Computer & Mathematics

- reaching the second stage

## Skills

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- **Programming Languages:** Python, C#, Dart
- **Libraries and Frameworks:** Pytorch, TensorFlow, Scikit-Learn, OpenCV, Flutter, Django
- **Environments and Tools:** Git, Trello, Taskulu, Mendeley,  $\text{\LaTeX}$

## Teaching Experience

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### Teaching Assistant

School of Computer Engineering

IUST University  
Sep 2020 - present

- **Graph Theory** - Instructor: Dr. Farzaneh Ghayour Baghbani - Fall 2023
- **Computational Intelligence** - Instructor: Dr. Nasser Mozayani - Fall 2022
- **Fundamentals of Database Design** - Instructor: Dr. Hossain Rahmani - Spring 2022 & Spring 2023
- **Algorithms Design** - Instructor: Dr. Sauleh Eetemadi - Spring 2022
- **Theory of Languages Automata** - Instructor: Dr. Reza Entezari-Maleki - Spring 2022
- **Data Communication** - Instructor: Dr. Ahmad Akbari Azirani - Spring 2022
- **Data Structures** - Instructor: Dr. Sauleh Eetemadi - Fall 2021
- **Advanced Programming** - Instructor: Dr. Sauleh Eetemadi - Spring 2021
- **Fundamentals of Programming** - Instructor: Dr. Sauleh Eetemadi - Fall 2020

### Instructor

School of Computer Engineering

IUST University  
Summer 2023

- **Machine Learning**

## Selected Online Courses

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- **GANs Specialization** - [Certificate](#)
- **Deep Learning Specialization** - [Certificate](#)

## Hobbies

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- **Football**
- **YouTube**
- **GYM**
- **Chess**

## Languages

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- **Persian:** Native
- **Turkish:** Native
- **English:**
  - IELTS: **Overall: 7.5**  
Listening: **8.5**, Reading: **7.5**, Writing: **6.5**, Speaking: **6.5**

## References

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### Dr. Sauleh Eetemadi

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### Dr. Naser Mozayani

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### Majid Zarharan

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