

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: 3.81/4.0 (17.95/20.0 in Iranian Scale)

Research Interests

- Machine Learning
- Natural Language Processing
- GANs
- Generative Models

Research Experience

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

Image manipulating of a person based on detected personality from text

IUST University

Bachelor Thesis - Supervisor: Dr. Sauleh Eetemadi

Jun 2023 - Feb 2024

- Data Collection
- Data Generation by LLMs
- GAN Inversion

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

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

Tell Me Why: Explainable Public Health Fact-Checking with Large Language Models

TrustNLP 2024

Authors: M. Zarharan , P. Wulschleger, **B. Behkamkia**, M. Pilehvar, J. Foster

Zero-Shot Stance Detection using Contextual Data Generation with LLMs

AAAI-2024 Workshop

Authors: G. Mahmoudi, **B. Behkamkia**, S. Eetemadi

Work Experience

NLP and Machine Learning Intern

Robot User Detection - Supervisor: Dr. Sauleh Eetemadi

DADMATECH

Dec 2021 – Aug 2022

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

Course Projects

Personality Detection and Data Generation

Natural Language Processing Course - [GitHub](#)

IUST University

Spring 2023

- Fine-tuning Large Language Models
- Working with Transformers

Crack Detection

Computer Vision Course - [GitHub](#)

IUST University

Fall 2022

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

Covid-19 Prediction

Deep Learning Course - [GitHub](#)

IUST University

Fall 2022

- Image Preprocessing
- Data Augmentation
- Squeeze-Net

Awards

Ranked Within the Top 0.3% in Iranian University Entrance Exam

Mathematics and Physics majors

July 2019

- Ranked 500 among 164000 students

Olympiads

Computer & Mathematics

2017 & 2018

- reaching the second stage

Skills

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

Teaching Experience

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

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

Languages

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

References

Dr. Sauleh Eetemadi

Assistant Professor at the Department of Computer Engineering
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Iran University of Science & Technology

Dr. Naser Mozayani

Associate Professor at the Department of Computer Engineering
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