

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: Artificial Intelligence(A+), Computational Intelligence(A+), Deep Learning(A+), Computer Vision(A), Natural Language Processing(A+), Statistics(A+)

Research Interests

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

Publications

Improving Few-Shot Stance Detection Performance with Contextual Data Generation Submitted

WiNLP - [GitHub](#)

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

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

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

Lifelong Learning

IUST NLP Lab

I started to read Lifelong Machine Learning by Zhiyuan Chen and Bing Liu.

I saw knowledge transferring and domain generalization in this book for the first time.

Work Experience

NLP and Machine Learning Intern

Robot User Detection - Supervisor: Dr. Sauleh Eetemadi

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

DADMATECH

Dec 2021 – Aug 2022

Course Projects

Personality Detection and Data Generation

Natural Language Processing Course - [GitHub](#)

- Fine-tuning Large Language Models
- Working with Transformers

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Spring 2023

Crack Detection

Computer Vision Course - [GitHub](#)

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

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Fall 2022

Covid-19 Prediction

Deep Learning Course - [GitHub](#)

- Image Preprocessing
- Data Augmentation
- Squeeze-Net

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Fall 2022

Saffrun

Flutter Developer of “Saffrun” project

“Saffrun” was our project for Software Engineering 1 Course.

You can download this app from [here](#)

IUST University

Spring 2022

Awards

Ranked Within the Top 0.3% in Iranian University Entrance Exam

Mathematics and Physics majors

- Ranked 500 among 164000 students

July 2019

Olympiads

Computer & Mathematics

- reaching the second stage

2017 & 2018

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](#)

Hobbies

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

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

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Iran University of Science & Technology

Dr. Naser Mozayani

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