

# Babak Behkamkia

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## EDUCATION

### IRAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

531-540 QS Ranking

#### B.Sc. COMPUTER ENGINEERING

GPA (108 credits): 3.79/4

2019 to 2023 (expc.)

## LINKS

 Personal Website

 Github

 LinkedIn

## RESEARCH INTERESTS

Deep Learning

Natural Language Processing

GANs

Domain Adaptation

Domain Generalization

## SKILLS

Python • C# • Tensorflow • Keras

Pytorch • Scikit Learn • OpenCV •  $\text{\LaTeX}$

Django • Flask • Flutter • Sqlite • Docker

Github • Gitlab • Git

## LANGUAGE

### ENGLISH

IELTS: 7.5/9

L: 8.5, R: 7.5, W: 6.5, S: 6.5

### PERSIAN

Native

### TURKISH

Native

## ONLINE COURSES

GANs Specialization,

Getting started with Tensorflow2,

Deep Learning Specialization,

Machine Learning (2012),

Data Structures and Algorithms,

Python for Everybody Specialization

## HOBBIES

Playing video games, Football

## EXPERIENCE

### DADMATECH | NLP AND MACHINE LEARNING INTERN

Dec 2021 – Aug 2022 | Iran

- Robot User Detection
- Stance Detection
- Working with BERT | Crawling Twitter | Feature Extraction

### SAFFRUN | FLUTTER DEVELOPER OF "SAFFRUN" PROJECT

Oct 2021 – Jan 2022

"Saffrun" was an application of a friendly startup of our own in a group of 8.

## RESEARCH

### ADVERSARIAL STANCE DETECTION | IUSTR NLP LAB

Feb 2022 – Sep 2022 | Iran University of Science and Technology

- Adversarial Networks | Topic invariant models | Cross-target adaptation
- zero-shot learning

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

### CLAIM EXTRACTION | IUSTR NLP LAB

Feb 2022 – Jun 2022 | Iran University of Science and Technology

In this project, I helped a senior student in her Bachelor of Science Thesis.

- Sub-claim extraction from a complex claim
- zero-shot & few-shot learning
- Preparing a data set for this task

You can see the thesis [here](#).

### MULTIMODAL FAKE NEWS | IUSTR NLP LAB

Oct 2021 – Dec 2021 | Iran University of Science and Technology

We searched for ways to evaluate the realness of news in which visual content was available. I read many papers related to this topic.

### LIFELONG LEARNING | IUSTR NLP LAB

Sep 2021 – Oct 2021 | Iran University of Science and Technology

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.

## AWARDS

2019	top 0.4%	National Entrance Exam for Graduate Schools
2017&2018	reaching national stage	Computer Olympiads
2017&2018	reaching national stage	Mathematics Olympiads
2017&2018	1 <sup>st</sup> /Tabriz	The Tournament Of Towns.

## TEACHING EXPERIENCES

2021	Advanced Programming Student Mentor   Programming Basics Student Mentor
2022	Algorithm Design Teaching Assistant   Fundamentals of Database Design Teaching Assistant   Theory of Languages Automata Teaching Assistant   Data Communication Teaching Assistant   Data Structures Teaching Assistant
2023	Computational Intelligence