

Babak Behkamkia

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Summary

1. Highly motivated researcher with 1-year experience in NLP and Adversarial Networks resulting in 3 business projects and 3 research projects.
2. Excellent project manager with working on more than 2 projects simultaneously beside university courses.

Education

B.Sc., Computer Engineering, Iran University of Science and Technology (531-540 QS Ranking), 2019 to 2023 (expc.)
GPA (108 credits): 3.79/4 (17.81/20), GPA (third year): 3.97/4 (18.72/20)

Research Interests

Machine Learning	NLP	GANs	Domain Adaptation	Fake News
Deep Learning	CV	VQA	Stance Detection	

Work Experience

- NLP and Machine Learning Intern 2021 Dec - 2022 Aug
Dadmateck, Iran
I have done my internship in Dadmatech. I have been involved in several projects. For example, Stance Detection and Robot User Detection.
- Flutter Developer of "Saffrun" project 2021 Oct - 2022 Jan
"Saffrun" was an application of a friendly startup of our own in a group of 8.

Research Experience

- Adversarial Stance Detection 2022 Feb - 2022 Sep
NLP Lab, Iran University of Science and Technology
I have read many papers which are related to Stance Detection. After a while, I have gotten interested in Adversarial Networks. So, I decided to continue my research by combining these two ideas in order to generalize the stance detection model.

- Claim Extraction
2022 Feb – 2022 Jun

NLP Lab, Iran University of Science and Technology

We searched for possible ways that can extract sub-claims from a complex claim. Because it is a difficult task to gather data for it, we tend to use zero and few shot learning. We have prepared a small dataset for this purpose.
- Multimodal Fake News
2021 October - 2021 Dec

NLP Lab, Iran University of Science and Technology

We searched for ways to evaluate the realness of news in which visual content is available. I have read many papers related to this topic.
- Lifelong Learning
2021 Sep – 2021 Oct

NLP Lab, Iran University of Science and Technology

I started to read Lifelong Machine Learning by Zhiyuan Chen and Bing Liu. I have seen knowledge transferring and domain adaptation in this book for the first time.

Teaching Experiences

Algorithm Design Teaching Assistant (Dr. Sauleh Eetemadi)	2022 Feb - 2022 Jul
Fundamentals of Database Design Teaching Assistant (Dr. Hosein Rahmani)	2022 Feb - 2022 Jul
Theory of Languages Automata Teaching Assistant (Dr. Reza Entezari Maleki)	2022 Feb - 2022 Jul
Data Communication Teaching Assistant (Dr. Ahmad Akbari)	2022 Feb - 2022 Jul
Data Structures Teaching Assistant (Dr. Sauleh Eetemadi)	2021 Sep - 2022 Jan
Advanced Programming Student Mentor (Dr. Sauleh Eetemadi)	2021 Feb - 2021 Jul
Programming Basics Student Mentor (Dr. Sauleh Eetemadi)	2020 Sep - 2021 Jan

Awards & Honors

1. Ranked among the top 0.4% of the candidates in the "National Entrance Exam for Graduate Schools".
2. Achieving an award for passing the Provincial Computer and Mathematics Olympiads and Going to the national stage. (2 years back to back)
3. Achieving an award for ranking first in Tabriz in the Tournament Of Towns.

Skills

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|------------------------|--|
| 1. Self learning | I think this is the most important skill of mine and I've learned my other skills by it. |
| 2. Programming | Python, C# |
| 3. Framework Libraries | Django, Flask, Flutter |
| 4. Learning Tools | Pytorch, TensorFlow, Keras, Numpy, Scikit-learn, etc |

Online Courses

1. Generative Adversarial Networks (GANs) Specialization, Deeplearning.ai, Sharon Zhou
2. Getting started with Tensorflow2, Imperial College London, Kevin Webster
3. Deep Learning Specialization, Deeplearning.ai, Andrew NG
4. Machine Learning Course (2012), Stanford University, Andrew NG
5. Algorithm Toolbox, Data Structures, Algorithms on Graphs, Algorithms on Strings, and Advanced Algorithms and Complexity, University of California San Diego
6. Python for Everybody Specialization, University of Michigan, Charles Russell Severance

Selected Academic Courses

Computational Intelligence	A	Data Structures	A ⁺
Basic programming	A ⁺	Software Engineering	A
Artificial Intelligence	A ⁺	Statistics	A
Advanced Programming	A ⁺	Theory of Languages and Automata	A ⁺
System Analysis	A	Algorithm Design	A
Database Design	A ⁺	Data Communication	A ⁺

Hobbies

Playing video games, watching TV series, Football

Language

Persian : Native
 Turkish : Native
 English : -