

Amirhossein Abaskohi *September 19, 2000*

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Research Interests

- Machine Learning
 - Deep Learning
 - Natural Language Processing
 - Computer Vision
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Education

University Of Tehran	SEPTEMBER 2018 - PRESENT
B.Sc in Computer Science	<i>Ranked top 15% in class</i>
Department of Electrical and Computer Engineering	
<ul style="list-style-type: none">• CurrentGPA: 17.80/20.00 (3.8/4) (Faculty Average: 14.96/20.00)• RelatedCourses: Design and Analysis of Algorithms (20/20), Artificial Intelligence(20/20), Data Structures (19.8/20), Engineering Mathematics (18.5/20), Database Design(18.3/20), Software Architecture Design(18.25/20), Advanced Programming (17.2/20), Computer Architecture (20/20), Digital Logic Design (17.7/20), Formal Languages and Automata Theory (19/20), Engineering Probability and Statistics (17.7/20), Operating Systems (17.7/20), Discrete Mathematics (18/20), Computer Networks (17.6/20), Database (18.3/20)	
Motahari High School	2015-2018
Diploma in Mathematics and Physics	
GPA:: 19.81/20	

Research Experience

Undergraduate research assistant at University of Tehran	NOVEMBER 2020 - PRESENT
Under Supervision of Prof. Manouchehr Moradi	
We developed a cognitive test for preschoolers to determine whether or not they are ready for school. The test includes a voice recognition model that I am currently developing.	
Undergraduate research assistant at University of Tehran	AUGUST 2021 - PRESENT
Under Supervision of Prof. Behnam Bahrak	
We are working on a Sarcasm detection system based on Twits.	

Teaching Experience

Teaching Assistant	
University of Tehran, Department of Electrical and Computer Engineering	
• Design and Analysis of Algorithms Prof. Hamid Mahini	SPRING 2021
• Programming languages and Compilers Prof. Fateme Ghasemi	SPRING 2021
• Engineering Probability and Statistics Prof. Behnam Bahrak	FALL 2020
• Data Structures Prof. Heshaam Faili	FALL 2020
• Discrete mathematics Prof. Siamak Mohammadi	FALL 2020
• Discrete mathematics Prof. Siamak Mohammadi	SPRING 2020
Machine Learning Mentor	
University of Tehran ACM Student Chapter	
Artificial intelligence and machine learning mentor in summer school 2021	SUMMER 2021

Work Experience

Back-end developer and data analyzer

June 2020 - Present

Idea Varzan System

- **Back-end skills used:** ASP.NET Core 3.1, C#, SQL Server
- **Data analytics skills used:** SQL Server, Spark SQL, Python(Pandas, Matplotlib, numpy, ...)

Data collector and data analyzer

June 2019 - January 2020

Academic Center for Education, Culture and Research of Science and Technology university

- **Skills used:** Scraper, Python(Pandas, Matplotlib, numpy, ...)
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Extra Courses

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| • Machine learning Credential | Coursera |
| • Distributed Computing With Spark SQL Credential | Coursera |
| • Neural Networks and Deep Learning Credential | Coursera |
| • Advanced Computer Vision with TensorFlow Credential | Coursera |
| • Blockchain and Cryptocurrency Explained Credential | Coursera |
| • Introduction to Computer Vision and Image Processing Credential | Coursera |
| • Cloud Computing Concepts, Part 1 Credential | Coursera |
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Honors and Awards

Ranked within the Top 0.8% Nationwide University Entrance

September 2018

Ranked 46th (regional rank), and 1125th (national rank) among 144,437 participants in the Iranian Nationwide University Entrance Exam for Mathematics and Physics discipline.

Supporter Foundation of University of Tehran Scholarship

2020

Awarded to top 500 students among 35000 students in the university.

Skills

Languages

- Expert in Python, C\C++, SQL, C#
- Familiar with Java, GNU Octave, MATLAB, Verilog HDL

Technologies

- Git, VS Code, Jupyter, Google Colab, Visual Studio, L^AT_EX

Tools

- NumPy, SciPy, Pandas, Scikit-learn, Tensorflow, Matplotlib, Pytorch, Jupyter, Modelsim, Quartus, CUDA, Django, Flask, GraphQL

Operating Systems

- Linux (Ubuntu, Parrot, Kali), Windows, Cloudera