Amirhossein Abaskohi *September 19, 2000*

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Research Interests

- Machine Learning
- Deep Learning
- Natural Language Processing
- Distributed Systems

Education

University Of Tehran   SEPTEMBER 2018 - PRESENT
B.Sc in Computer Science   *Ranked top 15% in class*

Department of Electrical and Computer Engineering

- **CurrentGPA:** 17.75/20.00 (3.77/4) (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), 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 (16.2/20),

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.

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. Fatemeh 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 anlayzer   June 2019 - January 2020

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

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

Extra Courses

- **Machine learning** Credential   Coursera

- **Distributed Computing With Spark SQL** Credential   Coursera

- **Neural Networks and Deep Learning** 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
- Familiar with Java, GNU Octave, MATLAB, Verilog HDL

Technologies

- Git, VS Code, Jupyter, Google Colab, LaTeX

Tools

- NumPy, SciPy, Pandas, Scikit-learn, Tensorflow, Matplotlib, Pytorch, Jupyter, Modelsim, Quartus

Operating Systems

- Linux (Ubuntu, Parrot, Kali), Windows