

Nima Ebrahimi

UNDERGRADUATE STUDENT

School of Math and Computer Science, Amirkabir University of Technology, Tehran, Iran

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Education

Amirkabir University of Technology

Tehran, Iran

B.S. IN COMPUTER SCIENCE

Sep. 2021 - Jun. 2025 (Expected)

- Last two years GPA: 3.96/4 (18.6/20) · CGPA: 3.84/4
- Data structures and Algorithms · Artificial Intelligence · Neural Networks · Cryptography · Numeric Linear Algebra

Shahid Soltani 1 High School

Karaj, Iran

DIPLOMA OF MATHEMATICS AND PHYSICS

September. 2018 - June 2021

- GPA: 4/4 (19.11/20)

Research Interest

- Deep Neural Networks
- Natural Language Processing
- Computer Vision
- Graph Theory
- Bioinformatics
- Cryptography

Experience

NMA Deep Learning interactive course and project

International (Online)

NEUROMATCH ACADEMY

Jun. 2024 - May. 2024

- An interactive course, collaborating in pod-based learning format to study different subjects in Deep Learning.
- Topics: Basics of neural networks and Perceptron, CNNs, RNNs, Transformers, Generative models, Unsupervised and Reinforcement learning and Natural Language Processing
- Delivered a group project titled as "A Novel Approach For Detecting Fake News using Deep Learning Methods" which consisted of deploying and evaluating different models such as LSTM, Logical Regression and transformer models (BERT) with different embeddings for fake news detection.

Teaching Assistant

Tehran, Iran

AMIRKABIR UNIVERSITY OF TECHNOLOGY

Sep. 2022 - Jun. 2024

- Basic Programming · Dr. Ghorbanali
- Advanced Programming · Dr. Ghatee
- Numerical Analysis · Dr. Nasr
- Data structures & Algorithms · Dr. Akbari

Software Engineer

Tehran, Iran

TAMIN ICT

Mar. 2023 - Jun. 2023

- In the role of back-end developer, developed RESTful APIs for insurance services.
- Developed several useful handlers in the business holder user panel.
- Also took part in front-end for implementing the interactive web objects with angular.

Software Engineering Intern

Tehran, Iran

QUERA

Jan. 2023 - Mar. 2023

- Mastered majority of software engineering necessary skills such as Web development, Databases and SQL, Project management, Microservices and App deployment.
- Developed a flight booking service with comprehensive user controls and payment features.
- Developed a phone number marketplace and rental with messaging services, message scheduling and payment.

Skills

Programming Python, C++, C, Java, Go, SQL, HTML/CSS

Tools Git, Colab, Docker

Libraries PyTorch, TensorFlow, Numpy, Echo

Software Engineering OOP, Design Patterns, Message Queues (RabbitMQ), Rest API

Operating Systems Microsoft Windows, Linux (Ubuntu)

Languages

Persian Native

English Working Proficiency · IELTS Academic (Mock): Overall Score: 8 (L: 8.5, R: 8.5, S: 7.5, W: 6.5)

Dutch Basic

Extracurricular Activity

Mountain Climbing and Bouldering Supervisor

Tehran

AUT KOOHSARAN

Nov. 2022 - Present

- Planned and organized several hikes and trips for the universities mountain climbing group.
- Unofficial rock climbing and bouldering coach.

Coding Tutor

Karaj

FREELANCE

2020

- Held classes and workshops for teaching basic programming to kids and students for free.

References

1 **Dr. Fateme Shakeri**, Department of Match and Computer Science

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2 **M.Hassan Shirali-Shahreza**, Department of Match and Computer Science

hshirali@aut.ac.ir

3 **Zahra Ghorbanali**, PhD Student

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