

Mohammadmehdi Ghasemi

Tehran, Tehran — fakeidshadow@gmail.com — (+98) 921-014-1519 — [linkedin](#) — [telegram](#)

EDUCATION

Amirkabir University of Technology (among the top 3 universities in Iran), Tehran, Iran

Enrolled: Oct 2022 — Expected: Dec 2026

Bachelor's degree: Computer science

Selected Courses:

- Compiler: (17 / 20)
- Advance Programming: (20 / 20)
- Data Structure: (20 / 20)
- Computation Theory: (17.56 / 20)

EXPERIENCE

Irantech accelerator

Tehran, Iran

• ML engineer

Nov 2024 - Feb 2025

In role of an scientist in the development and improvement if artificial intelligence, my experience focuses on creating and enhancing deep learning models in field of IOMT.

Abarkelas

Tehran, Iran

• Teacher

Feb 2024 - Oct 2024

Teaching programming language C++ and Python to 13-17 years old kids

Teaching assistant

Amirkabir university of Tehran

Oct 2023 - Present

- Introduction to C - [Dr. kiani](#) - fall 2023
- Introduction to C - [Dr. Saeedi](#) - fall 2023
- Introduction to C - [Dr. Zare](#) - spring 2024
- Introduction to python - Dr. Ghorbanali - spring 2024
- Introduction to python - Dr. Ghorbanali - spring 2024
- Data structures - Dr. Ghorbanali - fall 2024
- Introduction to C (head TA) - [Dr. Zare](#) - fall 2024
- Introduction to C (head TA) - [Dr. Akbari](#) - fall 2024
- Advanced programming - Dr. Ghorbanali - spring 2025
- Artificial Intelligence - [Dr. Gatee](#) - sprint 2025
- Data structures (Head TA) - Dr. Saadat - fall 2025
- Artificial Intelligence - [Dr. Gatee](#) - fall 2025
- introduction computation theory - [Dr. Zare](#) - fall 2025

Research Interests

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Data structures and algorithms
- Computation theory

PROJECTS

Pacman

[Project Link](#)

- classic Pacman Game implented by C++ and Qt

people counter

- A people counting system has been developed to provide better control over places with limited entries, especially for public spaces and libraries. it provides live vacancy display and real-time camera feed.

LFS

- A custom Linux environment compiled from scratch.

SKILLS

- **Programming Languages:** Python, C, C++.
- **Libraries and Frameworks:** TensorFlow, Scikit-Learn, Numpy, Pandas, Matplotlib, Qt
- **Environments and Tools:** Linux, Git

Certificates

- [Supervised Machine Learning: Regression and Classification](#) — Coursera
- [Introduction to Python](#) — Sokan Academy

Courses

Polycoursium

Tehran, Iran

Introduction to C

- A complete course for students who wants to learn a powerful programming language