Mehrad Yaghoubi

AI Specialist

Karaj, Iran

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Portfolio · GitHub · LinkedIn

Profile

AI Specialist with experience in chatbot development, web integration and visual speech recognition research.

Technical skills

Python · PyTorch (CUDA) · OpenCV · MediaPipe

FastAPI · REST APIs · WordPress · Git · Linux

Docker · SQL · MySQL · PostgreSQL

Professional experience

AI Specialist

Ghasedak Peik Shahr · 2026 · 2 months

• Built a Persian travel chatbot with three WordPress plugins.

• Developed a bot to check competitor prices.

• Created an operator training dashboard and a custom homepage theme for Parsegasht.

Co-founder

Fidar Technology Fartak · 1.5 years

University startup project developing games informed by psychology for crime prevention. The venture was not formally incorporated.

University research

Research Center, Islamic Azad University, Karaj · 1.5 years

Software Instructor

Faculty of Work and Skills, Islamic Azad University, Karaj · 1 year

Programming Instructor

Net College Institute · 1 year

Robotics Instructor

Mohandesin Bartar Institute · 1 year

Selected projects

EGOSD

Uncertainty-guided self-distillation for visual speech recognition. GPU model training and inference.

Under review at The Visual Computer

Preprint · GitHub

PyLipExtractor

Open-source package for extracting lip regions from video, with temporal smoothing and optional illumination normalization.

GitHub · PyPI

Research & Engineering Router

Created an open-source agent skill for selecting relevant code and research evidence, with optional model-assisted routing and offline checks.

GitHub

XERJ Corpus Hub

Open-source contributor.

Contributor profile

Shofazh Yaghoubi

A service and commerce website for a heating business.

Website

OCR tool

Text recognition using an external API.

Personal RAG chatbot

In development

Education

M.Sc. in Artificial Intelligence

Islamic Azad University, Karaj

2024 to 2026 (expected), preparing for thesis defense

GPA: 18.45/20

Thesis: improving lip-reading accuracy with deep neural networks.

B.Sc. in Computer Science (Software Engineering)

Islamic Azad University, Karaj

2017 to 2023

GPA: 14.68/20

Languages

Persian (native) · English (B1)