

Hamid Ghasemi

AI & Computer Vision Engineer

Tehran, Iran

+98 936 194 21 39

[Email](#)

[Linkdin](#)

PROFILE

Computer Science graduate focused on artificial intelligence, computer vision, deep learning, image processing, and medical data analysis. Experienced in researching papers, GitHub repositories, Kaggle solutions, and open-source models, then adapting, training, testing, and deploying AI solutions on real-world datasets. Strong algorithmic thinking, research ability, and problem-solving skills, with hands-on experience in edge deployment using Jetson Nano and Orin Nano.

EXPERIENCE

CAITech, Kermanshah — AI / Computer Vision Engineer (2025 – 2026)

Worked on outdoor image matching and medical AI projects, including ECG heart analysis, CT-scan brain hemorrhage detection, and MRI brain classification. including research, model evaluation, implementation, testing, and deployment. Adapted existing methods to project requirements and optimized the solution for practical use on real-world data.

PROJECTS

Outdoor Image Matching on Jetson Nano / Orin Nano — Implemented and tested image matching methods for outdoor environments and deployed them on NVIDIA Jetson Nano and Orin Nano.

Real-Time Face Recognition Attendance System — Developed a server-based real-time face recognition system for integration with an attendance application.

Medical AI Projects — Worked on ECG analysis based on P-wave, brain hemorrhage detection and volume estimation on CT-scan images, and normality/abnormality detection on brain MRI images using Iranian medical data.

Voice Authentication System — Currently working on a voice processing project focused on user authentication through voice-based features.

EDUCATION

Razi, Kermanshah — Bachelor of Science in Computer Science
(2020 – 2025)

Focused on algorithms, artificial intelligence, machine learning, deep learning, and image processing.

SKILLS

Artificial Intelligence

Computer Vision

Image Processing

Deep Learning

Classical Machine Learning

Medical Image Analysis

ECG Signal Analysis

Face Recognition

Model Training and Evaluation

Research Implementation

Edge AI Deployment NVIDIA

Jetson Nano / Orin Nano

Git

LANGUAGES

Persian — Native

English — B1 / Intermediate