ERFAN RAMEZANI

AI Engineer & Robotics Developer

About Me

Head of Artificial Intelligence at MRL with 3+ years of experience leading teams in advanced robotics.
Expertise in Deep Learning, NLP, Computer Vision, and LLMs for humanoid and industrial automation.

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📍 • Qazvin-Tehran, Iran

Language

- Persian (Native)
- English (Fluent)

Core Competencies

- DL & ML
- NLP & LLMs
- MLOps & CI/CD
- Agentic Ai & RAG
- Computer Vision
- Robotics & Automation
- AI Software Development

Experience

Maximum R&D
Qazvin - Iran
2023 - 2024

Developed and deployed AI-powered software and models for industrial computer vision applications.

MRL-HSL Humanoid Team
Qazvin - Iran
2022 - Present

Leading AI development for humanoid robots, focusing on implementing advanced computer vision and Natural Language Processing (LLMs) to enable sensory processing and interaction.

Projects

CRM Agent - Developed a CRM with an automated agent and a product recommendation engine based on customer order history.

Insurance Payment Analyze - ML model trained to prevent fraud by identifying suspicious employees salary spikes before their retirement.

Khabaryab News - A pipeline scrapes news from multi resources and deduplicates news from multiple websites using ML clustering.

Dental Scanner - Generated real-time 3D video reconstructions of dental models from a stereoscopic (dual-camera) video feed.

WhisperPipe (PyPI Package) - Developed and published an audio transcription package to PyPI, using a GitHub Actions CI/CD pipeline for automated testing and release.

Education

Qazvin Islamic Azad University

B.Eng. in Computer Engineering
2021 - 2025

- Achieved top academic rankings across multiple semesters.
- Served as a Teaching Assistant, leading review sessions for students.
- Competed in national and international robotics competitions.

Technical Skills

Tools & Platforms	AI & ML Frameworks	Programming Languages
Tools & Platforms Linux, Git, Docker, MLOps, CI/CD, GitHub Actions, PyPI	TensorFlow, PyTorch, OpenAI, OpenCV, Numpy, Pandas	Python, C++