



Artificial Intelligence of FANAP

ABOUT US

AIFA, short for Artificial Intelligence of FANAP, has been established in 2018 with the object of focusing on innovative solutions for different businesses and industries, providing intelligent systems based on artificial intelligence.

Since then AIFA has delivered a wide range of production-level ready smart systems in different domains, helping national and international companies and organization to facilitate their procedures.



OUR MISSION

To pioneer the development of cutting-edge AI technologies and solutions, fostering innovation in the digital landscape.

OUR VISION

To become a leader in AI by providing intelligent solutions that enhance productivity and streamline operations across various sectors.



DOMAINS

●
Natural Language
Processing

●
Expert Systems

●
Image Processing and
Computer Vision

●
Big Data



PRODUCTS AND SERVICES

NATURAL
LANGUAGE
PROCESSING

- IntelliSearch
- MAQA
- Programming Chat-Bot
- Word Cloud
- Text Filtering
- Translator
- Text Sentiment Analysis
- ...



PRODUCTS AND SERVICES

IMAGE
PROCESSING
AND
COMPUTER
VISION

- Cheque Visual Analysis
- BCOOCR
- PassOCR
- Image Forgery Detection
- NSFW
- Signature Verifier
- ...



PRODUCTS AND SERVICES

EXPERT
SYSTEMS

- Recommendation Systems
- Video-Based Attendance System
- Financial Fraud Detection
- POBEL Platform
- ...

ACHIEVEMENTS

- The "Online Fraud Detection System" by AIFA was recently recognized as an outstanding Iranian innovation.
- This recognition took place at the 8th National Festival of Superior Iranian Innovations, held at Sharif University.



OUR PROPOSALS

- AI Powered Secure Video Liveness Detection
- Islamic Psychological AI Therapist
- Intelligent Big Data Analytics



AI POWERED SECURE VIDEO LIVENESS DETECTION



- AI-powered Secure Video Liveness Detection ensures the person in a video is a live, genuine individual, not a spoofed representation.
- The system uses advanced AI algorithms to differentiate between real human faces and voices and those mimicked through photos, videos, masks, or other means.
- It also identifies and flags digitally altered content designed to create realistic fake videos or images, crucial in fighting misinformation and deepfake misuse.
- This technology is widely used across industries, particularly in financial services for secure remote identity verification during account openings or transactions.

ISLAMIC PSYCHOLOGICAL AI CONSULTANT



- The Islamic Psychological AI Consultant combines technology with faith-based mental health care.
- This AI-driven system offers psychological support rooted in Islamic ethical principles and spiritual teachings.
- It draws from Islamic psychology, focusing on the heart and soul as central to human identity and well-being.
- The AI provides guidance that addresses spiritual dimensions often overlooked in conventional psychological models.
- The system operates within a framework that respects and adheres to Islamic values.
- The AI integrates with existing healthcare systems, offering culturally sensitive care as a complementary resource.

AI-POWERED INTELLIGENT BIG DATA ANALYTICS

- AI-Powered Intelligent Big Data Analytics combines AI with Big Data to uncover insights from large, complex datasets.
- Advanced AI algorithms process vast amounts of data rapidly, identifying patterns, correlations, and trends that may be missed by humans.
- Machine learning enhances the system's predictive accuracy over time, improving decision-making.
- Businesses benefit by making informed, strategic decisions and developing proactive strategies based on AI's analysis of current and predicted data.
- This approach fuels innovation, efficiency, and competitive advantage across industries, becoming a crucial tool in today's data-driven world.



تَعَاوَنُوا عَلَي الْبِرِّ

The Nobel Quran, Maedeh, V 2nd

THANK YOU!

FOR YOUR ATTENTION

