



## CONTACT

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- [LinkedIn profile](#)
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## SKILLS

### Machine Learning & Deep Learning

- PyTorch (Primary)
- TensorFlow
- Keras
- Scikit-Learn
- OpenCV

### NLP & LLMs

- LangChain
- Hugging Face
- GPT Models
- Transformers
- Fine-tuning LLMs

### MLOps & Model Deployment

- Docker
- Apache Airflow
- AWS
- FastAPI
- Flask
- Git

### CI/CD

- Jenkins
- GitHub Actions
- Automated Pipelines
- Docker

### Data Science & Analytics

- Pandas
- NumPy
- Matplotlib
- Seaborn
- SQL
- MongoDB

### Software Development & Tools

- Python
- Jupyter Notebook
- Ubuntu
- Google Colab
- GitHub

# AMIRALI SAHRAEI

## Machine Learning Engineer

## PROFILE

Machine Learning Engineer with hands-on experience in developing and deploying AI solutions, including deep learning models, large language models (LLMs), and computer vision applications. Skilled in fine-tuning and optimizing transformer-based architectures, implementing MLOps workflows, and deploying models in cloud environments. Passionate about solving real-world problems using AI, with expertise in Python, PyTorch, LangChain, and AWS. Seeking opportunities to contribute to innovative AI projects and enhance business value through machine learning solutions.

## EDUCATION

### Kharazmi University

2019 - 2023

Master of Artificial Intelligence

GPA: 17.68 / 20

### Mazandaran University

2015 - 2019

Bachelor of Computer Engineering

GPA: 16.5 / 20

## PROJECTS

- Gmail ETL Categorization | [Link](#)
- Agents-Based RAG System with LLM and Tavily Search | [Link](#)
- LLM Fine-Tuning with LoRA for GPT-2 and Model Evaluation | [Link](#)
- Flask GPT app | [Link](#)
- FastAPI based app for Lung CT image classification | [Link](#)
- Object detection in image and video (YOLO\_V8) | [Link](#)
- Face detection | [Link](#)
- Image stitching, Image registration (OpenCV) | [Link](#)

## CERTIFICATES

- Finetuning Large Language Models, DeepLearning.AI
- LangChain for LLM Application Development, DeepLearning.AI
- ChatGPT Prompt Engineering for Developers, DeepLearning.AI
- Open Source Models with Hugging Face, DeepLearning.AI
- Machine Learning Specialization, DeepLearning.AI
- Convolutional Neural Network, DeepLearning.AI

## ACHIEVEMENTS

- Top 10% Ranking in Kaggle Competition: Binary Prediction with a Rainfall Dataset (2025)

Ranked **200th out of 1924** participants, applying ensemble models such as XGBoost, LightGBM, and RandomForest. Focused on feature engineering and model optimization to enhance prediction accuracy, achieving a high Area Under the ROC Curve (AUC) in a binary classification task.

## LANGUAGES

- English: IELTS 6 (B2)

## EXPERIENCE

- Solidity Developer | Startup Studio OCTA | 2021 - 2023
- Solidity Development Instructor | Khajeh Nasir Toosi University of Technology  
Developed and optimized smart contracts (ERC-20 & ERC-721) with a focus on security and performance. Taught Solidity programming, emphasizing best practices and clear communication of technical concepts.