Erfan Shahabi

AI Software Engineer

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in Linkedin | GitHub | Tehran, Iran

EDUCATION

University Of Tehran   Sep 2025 - Present

M.Sc in Information Technology Engineering   Tehran, Iran

Supervisor: Dr. Azadeh Shakery

Islamic Azad University, Science and Research Branch   Sep 2019 - Aug 2023

B.Sc in Industrial Engineering, GPA: 4/4 (18.07/20)   Tehran, Iran

Supervisor: Dr. Abbas Saghaei

EXPERIENCES AND COURSES

Natural Language Processing

University Of Tehran - Supervisor: Dr. Hesham Faili

- Progressed from fundamental NLP concepts to advanced techniques
- Implemented a chatbot as the final project using tool-use strategies
- Utilized APIs, Transformers, Hugging Face, Langchain, Langgraph, and agents

Large Language Models

University Of Tehran - Supervisors: Dr. MJ Dousti, Dr. Y Yaghoob Zadeh

- Gained strong skills working with large language models (LLMs) through multiple practical projects
- Worked extensively with APIs, Transformers, Hugging Face, Langchain, Langgraph, and agents
- Developed use cases showcasing model integration and API utilization

Intelligent Information Retrieval

University Of Tehran - Supervisor: Dr. Azadeh Shakery

- Started with ad-hoc retrieval methods and embeddings
- Worked with BERT models for improved retrieval performance
- Explored the application of LLMs in retrieval-augmented generation (RAG)

Advanced Data Mining

University Of Tehran - Supervisor: Dr. Azadeh Shakery

- Learned data fundamentals including cleaning and preprocessing
- Covered advanced topics such as data cubes, classification, clustering, and deep learning applications
- Applied techniques in real-world datasets

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HIGHLIGHTED PROJECTS

LLMs Course Project

- User Simulation for Evaluating and Improving Conversational Recommender Systems Using LLMs

NLP Course Project

- Chat Food: Building a Food and Restaurant Assistant Chatbot Based on LLMs Using LangGraph and React

Bachelor Thesis

- Used Car Price Prediction Based on Manufacturing Year and Mileage Using Machine Learning Methods

TECHNICAL SKILLS

- Python
- React
- Hugging Face
- Langchain
- Langgraph
- PyTorch
- English (Advanced)
- TensorFlow