

# Erfan Shahabi

AI Software Engineer

+98 912 640 40 96 | ErfanShahabi@outlook.com | ErfanShahabi.github.io



[LinkedIn](#)



[GitHub](#) | Tehran, Iran

## EDUCATION

---

### University Of Tehran

*M.Sc in Information Technology Engineering*

Supervisor: Dr. Azadeh Shakery

Sep 2025 - Present

Tehran, Iran

### Islamic Azad University, Science and Research Branch

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

Supervisor: Dr. Abbas Saghaei

Sep 2019 - Aug 2023

Tehran, Iran

## EXPERIENCES AND COURSES

---

### Natural Language Processing

University Of Tehran - Supervisors: 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

### 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

## 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