

Rahmatollah Ansari

Graduate Student in AI, IUST

Tehran, Iran

website: rahmat-ml.github.io

github.com/rahmat-ml

linkedin.com/in/en-r-ansari

Email: rahmat.ansari.dev@gmail.com

Looking for a bigger challenge...

Highly motivated AI student with a strong background in problem-solving and team collaboration. Deeply passionate about advancing research in Artificial Intelligence, with a particular interest in NLP, Multimodal AI, and Large Language Models. I am eager to contribute to innovative research that pushes the boundaries of machine intelligence and helps bridge theory with practical impact. Committed to continuous learning, I thrive on exploring new ideas, implementing them, and working collaboratively in research labs to make meaningful scientific progress.

Research Interests

Natural Language Processing (NLP), Multimodal Artificial Intelligence, Large Language Models (LLMs), Machine Learning, Deep Learning, Representation Learning, Vision-Language Models

Education

Master's Degree, Artificial Intelligence

Iran University of Science and Technology, Oct 2025 - Sep 2027

Bachelor's Degree, Computer Engineering

Hakim Sabzevari University, Sep 2020 - Nov 2024

Grade: 17.65 / 20 (**1st rank** in 2020 entrance of CE)

Activities and societies: University Olympiad team in 2023 and 2024, ICPC team in 2023 and 2024, University programming team in various competitions, Scientific Society of Computer Engineering, Center for mental health assistants, Sabzevar LUG (linux user group)

Diploma of Education, Mathematics and physics

Imam Ali High School, Sep 2017 - Jul 2020

Grade: 18.57/20 (1st rank in mathematics and physics - graduated in 2020)

GPA of the final exam (Nationally coordinated): 17.58/20

Awards

- **3rd place Student Relay Programming Contest | East Region**
Dotin Company, Khatam university, May 2025
- **1st place Star programming Competition**
Hakim Sabzevari University, Payam Noor University, May 2025
- **26th place ICPC2024 - West Asia region - Tehran site**
- **6th place of Space 6 - Programming competition**
sadjad University, Nov 2024
Qualifying for the international final
- **21st place ICPC2023 - West Asia region - Tehran site**
- **7th place - Programming competition - Universities of Eastern Iran**
Semnan University, Jan 2024

skills

Programming languages

Python, C++, Java, C, JS, Bash

Academic & Research Skills

Research and Problem Definition, Academic Writing, Data Analysis and Visualization, Literature Review, Presentation Skills, Simplifying Complex Concepts, Reference Management (Zotero)

Databases & Tools

PostgreSQL, MySQL, MongoDB, Redis, Git, GitHub, Docker, Kubernetes, Postman, Linux, Arduino

Soft Skills

Problem-Solving, Team Collaboration, Creativity, Commitment to Tasks, Adaptability, Fast Learning, Effective Communication, English (B2 – Duolingo Certified)

Frameworks & Libraries

PyTorch, TensorFlow, Scikit-learn, Keras, NumPy, Pandas, Matplotlib, FastAPI, Flask, Django, Node.js, Express, PyQt, Spring Boot

Software Engineering Concepts

Object-Oriented Programming (OOP), SOLID Principles, Design Patterns, RESTful APIs, Version Control, Agile Methodology, Clean Code, Algorithms & Data Structures, Basic Testing (Unit & Integration)

Web Development

HTML, CSS, JavaScript, Component-Based Architecture, Single-Page Applications (SPA), Asynchronous Programming (AJAX, Fetch API, Axios), Regular Expressions (Regex)

Work experiences

Image Processing Engineer

Bonyad Meli Nokhbegan, Sabzevar, remote, part-time, Jul 2024 – Nov 2024

In this program, we are building a robot to harvest saffron. I am a member of the machine vision team for this project. The supervisor of the project, Dr. Mohsen Taghizadeh, is a faculty member of the Faculty of Engineering, Department of Mechanical Engineering, Hakim Sabzevari University.

Backend Developer

Professor DNA, Mashhad, remote, part-time, Nov 2023 – Mar 2024

In an unofficial contract, my team was responsible for completing the software part of a microlab project. In this project, I learned how to work in a team consisting of another backend developer and a frontend developer. Also, in this project, we did team coordination in person and virtually, and in a way, it made us more familiar with the work environment and responsibility and bringing the project to the deadlines.

Software Developer

Bina Pardaz Shargh, Mashhad, onsite, full-time, Jun 2023 – Sep 2023

I was working on software development in the company's R&D team. As an almost generic developer, I made a graphical application using PyQt in this short course. I also tried to learn Django and developed server-side software using it. The main purpose of my internship in this company was to learn more about the work environment and strengthen soft skills.

Projects

CS50 Frontend project

In this project, I created a static website with HTML, CSS, and JS, based on my knowledge from the CS50x course.

Simple gallery webpage

A simple gallery designed with HTML, CSS, JS and the ability to preprocess images to reduce their size using Python
link: ctrl-alt-defeat-icpc.github.io/gallery

link: enansari.github.io/homepage-CS50

Notification Service

A Java project to practice new Java features and based on software engineering principles such as OOP and SOLID.

link: github.com/rahmasir/notification-service

competitive programming helper

competitive programming helper: A powerful parser to make competitive coding easier

link: github.com/EnAnsari/cph

ICPC to Quera format translator

A Python tool to automatically convert official ICPC data (domjudge) to the quera class platform

link: github.com/ctrl-alt-Defeat-icpc/iq-ship

A small microservice application

Here I have written an application using nodejs that implements a page with a simple crud without any additional tools and with only html, css, js and pure nodejs in the backend.

link: github.com/Rahmat-JS/super-mini-micro-service-project

Git flow Assistant

A CLI helper written in Python and libraries like PyGithub and typer that automates Git Flow operations by integrating with GitHub for developing integrated microservice applications.

link: github.com/rahmasir/gfr, pypi.org/project/gfr

Recommended system for car price

Car price estimation based on the information of a car sales site | final project of Maktabkhooneh

link: github.com/EnAnsari/guess-price-car

Programming contest visualizer

A practical tool for simulating past programming competitions

link: github.com/ctrl-alt-Defeat-icpc/pre-contest-visualizer

Protected page with firebase (just client side app)

In this software, I created a simple static site that uses Google Firebase as a third party for authentication.

link: rahmat-js.github.io/protected-page