

# Mahdi Hassanzadeh

BIOINFORMATICS · AI SOFTWARE DEVELOPER

School of Computer Engineering, Sharif University of Technology, Tehran, Iran

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## Education

### Master of Science in Bioinformatics

Sep. 2023 - Present

SHARIF UNIVERSITY OF TECHNOLOGY

Tehran, Iran

- Thesis: Investigation of Protein Interactions with Biomolecules Using Language Models and Protein Sequences
- Overall GPA: 18.70 out of 20

### Bachelor of Science in Computer Engineering

Sep. 2018 - Jul. 2022

UNIVERSITY OF TABRIZ

Tabriz, Iran

- Thesis: Sarcasm detection in social networks in the Persian language.
- Overall GPA: 17.20 out of 20

## Work Experience

### Team Lead & AI Software Developer

May. 2025 - present

DV+

Tehran, Iran

- **Product Development:** Founded DV+ after winning 3rd place at the 2025 Kenar Divar Hackathon; currently leading a 5-person team to transform our award-winning prototype into a market-ready product.

### AI Researcher

Nov. 2024 - Dec. 2024

MEHR PARS

Tehran, Iran

- **Chatbot System Design:** Worked as a researcher to design a chatbot system using the *memgpt* concept, which involves multiple databases that are autonomously updated by the model to improve performance.

### AI Software Developer

Sep. 2023 - Jun. 2024

G2 TECH

Tabriz, Iran

- **CV-Matcher:** Designed a matching system that analyzes candidate resumes to identify and recommend the most suitable open PhD positions, optimizing the application process and improving the precision of match targeting.

## Honors & Awards

### Kenar Divar hackathon

2025 **3th Place**, Out of 43 Teams in the Kenar Divar Hackathon at University of Tehran

Tehran, Iran

2024 **1th Place**, Out of 25 Teams in the Kenar Divar Hackathon at Sharif University of Technology

Tehran, Iran

### AI Challenge

2022 **15th Place**, Out of 300 Teams in the AI Challenge Final at Sharif University of Technology

Tehran, Iran

## Volunteer Experience

### LLM Agents Hackathon — Sharif University of Technology

Apr. 2025 – May. 2025

HACKATHON LEADERSHIP COMMITTEE MEMBER

Tehran, Iran

- Co-led the design of the scientific structure of Iran's first and largest LLM agent hackathon (162 teams, 485 participants).
- Managed a team of mentors and provided guidance on model design, prompting, and agent architecture.
- Oversaw event logistics and execution as part of the core organizing committee.

### Hard War — Sharif University of Technology

May. 2025 – May. 2025

EXECUTIVE TEAM MEMBER

Tehran, Iran

- Set up the official event backdrop; managed logistics for the event's interactive shop experience.

## Skills

<b>Theoretical Experience</b>	Machine learning, Deep Learning, Classical AI Algorithms, Data Structures
<b>Programming &amp; Libraries</b>	Python, PyTorch, TensorFlow, Keras, Numpy, Scikit-learn, Pandas, BeautifulSoup, Hazm, Selenium
<b>Soft Skills</b>	Team collaboration, Flexibility, Active listening, Curiosity