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
SHARIF UNIVERSITY OF TECHNOLOGY
Sep. 2023 - Present
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
UNIVERSITY OF TABRIZ
Sep. 2018 - Jul. 2022
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
DV+
May. 2025 - present
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
MEHR PARS
Nov. 2024 - Dec. 2024
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
G2 TECH
Sep. 2023 - Jun. 2024
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
HACKATHON LEADERSHIP COMMITTEE MEMBER
Apr. 2025 – May. 2025
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
EXECUTIVE TEAM MEMBER
May. 2025 – May. 2025
Tehran, Iran

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

Skills

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