

Mahdi Mansouri

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Education

BS: Computer Engineering, (Second Year) Sharif University of Technology

Oct 2023 – Now

- GPA: 18.71/20.00

Interests

- Machine Learning
- Optimization Methods in ML
- Databases
- Design of Algorithms

Relevant Coursework

- **Engineering Probability and Statistics:**
- **Data Structure and Algorithms:**
- **Discrete Structures and Mathematics:**
- **Linear Algebra:** Took the Course, also Watched the 18.06 MIT Course by Prof. Strang
- **Introduction to Machine Learning:** Took the Course, also Currently Watching the 6.036 in MIT OpenLearning
- **Databases:** Took the Course

Honors and Awards

- **Ranked 78** National University Entrance Exam Out of 1,120,000 Participants (Konkur) 2023
- **Bronze Medal** Bulgaria's Math Exam 2018
- **Ranked 1** In-provincial Chess Tournament in Middle School Level 2016, 2017, 2018

Skills

Programming Languages

- Python, Java, C/C++, GoLang, R, Rust
- Bash

Software Development

- OOP
- Git, Github

Algorithm and Data Structure

- Proficient in designing and implementing algorithms

Operating Systems

- Advanced Linux User

Soft Skills

- Collaboration and teamwork
- Done a lot of team projects in High School

Projects

- **AI Agent** An Agentic AI, which reads a chunks of an economic reference book and uses a vector database to search to the K-NN's vector, written in Java. [Project Page](#)

Languages

- **English:** Professional working Proficiency (C2)
- **Persian:** Native Proficiency
- **German:** Amateur Proficiency

Hobbies

Body Building and weight lifting, Tennis, Movies and Series, Music, Swimming



SHARIF UNIVERSITY OF TECHNOLOGY

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ISSUED ON: 02-02-2025

NAME: SAYYED MAHDI MANSOURI TEHRANI
STUDENT ID: 402104499
NATIONAL CODE: 1274400074

DEGREE: B.Sc.
DEPARTMENT: INDUSTRIAL ENG.
PROGRAM: INDUSTRIAL ENGINEERING

COURSE NO	COURSE TITLE	UNIT	GRADE
FALL SEM 2023-2024			
22-015	GEN MATH 1	4	18.6
24-001	PHYSICS LAB 1	1	20.0
24-011	PHYSICS 1	3	20.0
31-123	FOREIGN LANG	3	20.0
37-618	HIST ISLAMIC CULT & CIVILIZATION	2	19.0
40-153	INTRO PROGRAMMING	3	20.0
SEMESTER UNITS, AVERAGE			
TOTAL UNITS GAINED, CUM AV			

SPRING SEM 2023-2024			
22-016	GEN MATH 2	4	16.7
22-034	DIFF EQN	3	17.0
24-002	PHYSICS LAB 2	1	18.3
24-012	PHYSICS 2	3	18.2
31-119	INTRO PERSIAN LITERATURE	3	20.0
44-714	PRIN OF ECON	3	18.1
SEMESTER UNITS, AVERAGE			
TOTAL UNITS GAINED, CUM AV			

FALL SEM 2024-2025			
37-489	QURAN SUBJ INTERPRET	2	N
40-108	COMPUTER WORKSHOP	1	N
40-115	DISCRETE STRUCTURES	3	N
40-181	ENG PROBABILITY & STAT	3	N
40-212	LOGIC DESIGN	3	N
40-244	ADVANCED PROGRAMMING	3	N
40-254	DATA STRUCT & ALGO	3	N
SEMESTER UNITS, AVERAGE			

COURSE NO	COURSE TITLE	UNIT	GRADE
FALL SEM 2024-2025 (CONT.)			
TOTAL UNITS GAINED, CUM AV		33	18.71
SPRING SEM 2024-2025			
40-124	FUND ELEC&ELCTRNIC CIRCTS	3	N
40-126	COMPUTER STRUCT & LANG	3	N
40-211	COMPUTER TECH ENGLISH	2	N
40-282	LINEAR ALGEBRA	3	N
40-384	DATABASE DESIGN	3	N
40-417	ARTIFICIAL INTELLIGENCE	3	N
40-477	MACHINE LEARNING	3	N
SEMESTER UNITS, AVERAGE			
TOTAL UNITS GAINED, CUM AV			

NO ENTRY BELOW THIS LINE

Abbr. N: Not Available

NOTES: 1. Numerical Grades Range from 0 to 20. Passing Grade is 10.
2. Average Department and University GPAs for this Class of Students are 15.85 and 15.46, Respectively.



Auth Code
Expires: 02-2026