



Sadra Khanjari

Software Developer

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🐙 SK2iP

EDUCATION

BSc in Electrical Engineering

Sharif University of Technology, Tehran
2021 - Present

High School Diploma in Mathematics and Physics

2018 - 2021

LANGUAGES

English (Advanced (C1))

Persian (Native)

INTERESTS

Software Development

Artificial Intelligence

Machine Learning

Dev Ops

Embedded Systems

Robotics



CAREER PROFILE

I am a dedicated Electrical Engineering student at Sharif University of Technology with a strong background in software development, especially in Machine learning, Artificial Intelligence, backend and embedded systems. I have over two years of experience in teaching and project execution in programming and electronics. I am eager to further develop my skills in a professional environment that values innovation and teamwork.



PROFESSIONAL EXPERIENCE

Lead AI and Robotics Instructor

July 2021 - April 2023

Atomic Energy High School

Led the AI and robotics department, focusing on developing and teaching AI and robotics programs for high school students.

IT Specialist

August 2023 - February
2024

Nimaad Cloud Processing, Tehran

Assisted in implementing cloud-based solutions and managed IT infrastructure for optimized performance and security.

Technical Committee Member

May 2022 - Present

IranOpen Robotics Competition

Participated in organizing and evaluating the national robotics competition, focusing on algorithms challenges.



CERTIFICATIONS

Python for Everybody

- October 2023

Coursera

Young Entrepreneurs Course

- June 2022

Industrial Management Institute

Technical Committee Certification	- May 2023
Iran Open	
Technical Committee Certification	- May 2024
Iran Open	
Date and Time in Python	- July 2024
365 Data Science	
Data Cleaning and Preprocessing with pandas	- August 2024
365 Data Science	
Human resources comprehensive course	- September 2024
Industrial Management Institute	

KEY PROJECTS

I have been involved in various projects, focusing on backend development, AI systems, and embedded software.

RCSS.ir - A platform for the Iranian RoboCup community

CLSframework - A gRPC/thrift based framework for Soccer Simulation 2D teams

StarterAgent2D-V2 Base - A base code for students in Soccer Simulation 2D teams

PUBLICATIONS

- Pyrus 2023 Team Description Paper
Iran Open
- Tehran2D Team Description Paper
RoboCup
- Observation Denoising in CYRUS Soccer Simulation 2D Team For RoboCup 2024
RoboCup

SKILLS & PROFICIENCY

Programming Languages

Python, C++, C, CSS, HTML, JavaScript

Data Base

MySQL

Artificial Intelligent Concepts

Deep Learning, Deep Reinforcement Learning

Machine Learning Frameworks

Keras, Tensorflow, Stable Baselines3, Pandas, NumPy

OS

Ubuntu, Windows

Technologies and Frameworks

Django, Git, GitLAB, Docker, Robot-Framework, Ansible, Arduino

Integrated development environment (IDE)

PyCharm, CLion, VSCode, QT Creator, R Studio, MATLAB