

Parsa Naderi

Computer Science Student

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Linkedin | GitHub

Education

B.Sc. in Computer Science

2023 – 2027

Amirkabir University of Technology (Tehran Polytechnic)

Experiences

Machine Learning Intern

Spring 2024

Copal Capital (Remote)

- Developed and optimized machine learning models for financial and cryptocurrency data.
- Built data pipelines for collection, cleaning, and preprocessing of large datasets.

Deep Learning Intern

Summer 2024

Neuromatch Academy (Remote)

- Completed an intensive, research-oriented program in deep learning.
- Modeled neural networks and collaborated on team projects.

Teaching Assistant Experience

Python Programming (TA)

Spring 2025

Sharif University of Technology

- Mentored 5 students and collaborated closely with the head TA to design mid-term problems.
- Shared materials (books, courses, etc) on Python, OOP, and data analysis.
- Presented a hands-on Pandas workshop for the class.

Skills

Programming Languages: Python (OOP), Go, C++, SQL

Libraries & Tools: scikit-learn, TensorFlow, PyTorch, Pandas, NumPy, Git, PostgreSQL

Other Skills: Problem Solving, Data Analysis, Machine Learning, Databases

Projects

Movie Recommendation App

A full-stack movie recommendation system using Go, React, and MongoDB. Features advanced aggregation pipelines and a content-based filtering algorithm.

Marketplace Database (PostgreSQL)

PostgreSQL marketplace database with full DDL, seed data, retrieval queries, CSV results, and ERD.

Library Management App (In Progress)

A small CRUD API for books (first phase completed). Will expand with database, user accounts, and frontend over time.

Languages

English (Fluent), Persian (Fluent), Kurdish (Native)