

Abolfazl Shahsavand

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Education

Amirkabir University of Technology B.sc., Computer Science, 2023Present

GPA: 3.3/4.0 (optional)

Teaching Experience

Teaching Assistant Basic Programming, Amirkabir University of Technology, 2025

- Helping students to solve projects

Skills

Programming: Python, C++, Java, C

Tools: Git, LaTeX, Linux, VScode

Other technical/hard skills: Data Structures & Algorithms, Object-Oriented Programming, Database Design

Projects

minmax Algorithm [GitHub Link](#)

- This project is an implementation of Connect Four using Python and Pygame. The project is organized into multiple files to separate the game logic, graphical interface, AI algorithms, and utility functions. Students are encouraged to experiment with and implement various AI algorithms (Minimax, Alpha-Beta Pruning, and Expectimax) in the engine.py file.

solving tsp problem [GitHub Link](#)

- This project implements a Genetic Algorithm (GA) to solve the Traveling Salesman Problem (TSP). The goal is to find the shortest possible route that visits each city exactly once and returns to the starting city.

Languages

English Fluent

Persian Native

Other languages if any