

# Fateme Mehnati

## Curriculum Vitae

Amirkabir University of Technology

Tehran, Iran

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### Education

2022 – Present **Bachelor of Science in Computer Science**, Amirkabir University of Technology, Tehran, Iran, GPA: –  
Relevant coursework: Artificial Intelligence, Data Structures & Algorithms, Web Programming, Operating Systems, Software Engineering

### Technical Skills

Programming Python, JavaScript, HTML5, CSS3, SQL  
Frameworks & Libraries Telegram Bot API, Minimax Algorithm, Game Theory  
Tools & Platforms VS Code, Git, GitHub, Database Management  
Areas of Interest Artificial Intelligence (AI), Machine Learning, Game Theory, Web Development, Bot Development  
Languages Persian (Native), Turkish (Fluent), English (Fluent)

### Projects

- 2025 **MarzbanBot**, *Telegram Bot Development*, Python  
Developed a Telegram bot for Marzban VPN panel management system. Implemented automated user management, subscription handling, and administrative controls using Python and Telegram Bot API.
- Automated VPN user provisioning and management
  - Real-time subscription tracking and notifications
  - Administrative dashboard integration
- 2025 **Connect Four AI Game (Minimax Project)**, *AI Game Development*, Python  
Implemented Connect Four game with intelligent AI opponent using Minimax algorithm with alpha-beta pruning optimization. Designed efficient game tree search and evaluation functions.
- Minimax algorithm with alpha-beta pruning for optimal move selection
  - User-friendly game interface with visual board representation
  - Performance optimization for real-time gameplay
- 2024 **Othello Minimax AI**, *Game Theory & AI*, Python  
Created an Othello (Reversi) game featuring AI opponent powered by Minimax algorithm. Implemented strategic position evaluation and game state analysis.
- Advanced heuristic evaluation for board positions
  - Minimax algorithm implementation with depth-limited search
  - Interactive gameplay with AI difficulty levels
- 2024 **Seller Admin Panel**, *Web Application Development*, JavaScript, HTML, CSS  
Designed and developed a comprehensive admin panel for e-commerce seller management. Built responsive interface for inventory, orders, and customer management.
- Product inventory management system
  - Order tracking and processing dashboard
  - Customer relationship management features
  - Responsive web design for mobile and desktop

### Extracurricular Activities

Sports Active member of Amirkabir University's Volleyball Team  
Community Sociable and collaborative in student organizations and tech meetups

## Achievements

Teamwork Represented university in intercollegiate volleyball tournaments  
Academic Completed multiple AI and programming projects showcasing problem-solving and coding skills  
Development Successfully deployed multiple production-ready applications including bot systems and game AI

## Personal Summary

Active and sociable Computer Science student passionate about Artificial Intelligence, game theory, and software development. Experienced in developing intelligent game AI using Minimax algorithms, building Telegram bots, and creating web applications. Multilingual communicator with proven teamwork abilities in both sports and technical collaborations.