Amirreza Madadi

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📍 Tehran   in Linkedin

🐙 Github

About

I am someone who values **commitment**, **discipline**, and **continuous learning**. My **soft skills** include **effective communication**, **creative problem-solving**, **adaptability to changing circumstances**, and **teamwork**. These skills have enabled me to achieve successful outcomes in various projects. I am eager to **contribute to meaningful initiatives** and bring my expertise and dedication to your organization.

Skills

Programming
Python and C#
Object-Oriented Programming (OOP)
Debugging and problem-solving in complex systems
Version control with Git

Data Science
- Data Science Skills:
statistical analysis and probability theory
data cleaning, preprocessing, and visualization
A / B testing
Machine learning model development and evaluation

Projects

Mench Master
- Game Developer:
Role: Backend developer
Developed and maintained the server-side architecture of the game.
- **Technologies Used: C#, ASP.NET ↗ Core, SignalR, MongoDB**
- Game Support Website:
Role: Web Developer:
Designed and deployed a support website for the game, providing players with resources, FAQs, and troubleshooting guides.
Technologies Used: .NET Razor Pages, HTML, CSS, JavaScript, Nextjs
- Game Monitoring System:
Developed a real-time monitoring system to track in-game performance and player statistics.
Technologies Used: Grafana, Prometheus, Docker

People Counting System
A system designed to accurately determine the occupancy of a room using image processing techniques, specifically centroid detection.
This system tracks people entering and exiting the room to maintain an accurate count.
- **Technologies Used:** Python, OpenCV, Image Processing, Computer Vision

Professional Experience

AI developer, *Soraya accelerator*   Tehran

Game Developer, *Brain Ladder*   Tehran

Course Selection consultant, *Shafi'i Educational Scientific Institute* ⊡   Tehran
- I have worked **as a project** in the field of selection the courses of students who want to enter Iranian universities.

Teacher Assistant, *Faculty of Mathematics and Computer Science* ⊡
- For **two semesters**, I was an assistant teacher of **statistics and engineering probabilities.** I am happy that I can communicate with students who have this course and solve their problems.

Certificates

Supervised Machine Learning: Regression and Classification ⊡
By DeepLearning.AI & Stanford University

Unsupervised Learning, Recommenders, Reinforcement Learning ⊡
By DeepLearning.AI & Stanford University

Introduction to Statistics ⊡
By Stanford University

Advanced Learning Algorithms ⊡
By DeepLearning.AI & Stanford University

Machine Learning Specialization ⊡
By DeepLearning.AI & Stanford University

Education

Undergraduate student, *Amirkabir University of Technology (Tehran Polytechnic)* ⊡
Computer Science Student

Languages

English
In addition to the fact that I have gone to the language institute, academic reference books and my studies in the programming field require that I always learn and strengthen my language skills.

Grades

GPA: 3.608 of 4

Data Structure and Algorithms: 4 of 4
Based on GPA

Data Mining: 4 of 4
Based on GPA