MOHAMMAD MAHDI NAZARI

SENIOR SOFTWARE ENGINEER

I'm a software engineer with **+5 years** of hands-on experience building reliable, high-performance systems across platforms.

My current focus is on **Software Architecture**, .**NET BackEnd**, Angular, and applying machine learning in real-world applications.

I care deeply about clean, maintainable code and take pride in designing systems that scale well and stay robust over time.

CONTACT INFO



ipdotsetaf.ir

\(+98 938 701 6860 \)

github.com/IPdotSetAF

EDUCATION

Master's of Information Technology

University of Tehran - IT - Artificial Inteligence

2022/09 - Present

Grade: 17.9

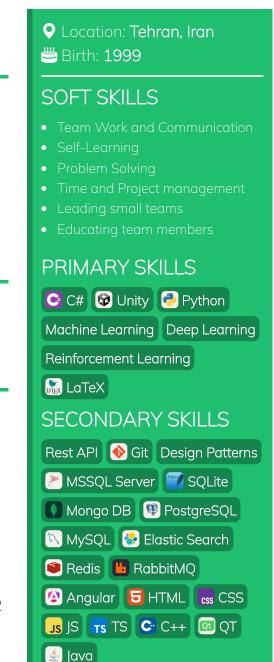
- Implementing state of the art <u>GA</u>, RL and <u>ID3</u> algorithms to solve various problems.
- Implementing a <u>3D Soccer Simulation</u> using Deep-RL in a 2x2 Multi-agent system.

Bachelor's of Computer Engineering

West Tehran Islamic Azad University - Software Engineering 2017/09 - 2021/05

Grade: 17.8

- EasyParvaz
- MapMe



LANGUAGES

- PersianNative proficiency
- English

 Bilingual proficiency

WORK EXPERIENCE

Karsazan Faradadeh Iranian (CADA)

2023/06 - Present

- Senior Software Engineer:
 - Architecting and development of various .NET Backend solutions.
 - CADA Produce: Led design and development of state-of-the-art Supply Chain Management platform.
 - Led design and development of a robust Angular control library which improved development speed by 40%~60% and improved user expreience through visual consistency.
 - CADA Directory: Led design and development of advanced Goods Search Engine.
 - Development of various ETL services, Implementing over 140 times faster ETL services.
 - Discover and Debuging major **memory leaks** in legacy solutions.
 - Refactoring and addressing structural flaws in legacy applications.
 - **Gitlab Admin**: Migrating SCM from TFS to **Gitlab**, Implementing Automatic **Backup service**. Performing **code reviews**, merging pull requests and **deployments** of various solutions.
 - Maintenance & Development of legacy solutions: CADA Standard, CADA Supply, CADA CID Admin, National Goods Identification Platform (Backend).

Dez Novin Sangat

2021/11 - 2023/01

- Software Engineer
 - AppStore Solution: Design and development of an android appstore solution including: Android client, Administrative dashboard(CMS) and WebAPI. Advanced Localization system integration.
 - Tractor and GIS Simulator: Design and development of a Tractor simulator and GIS location emulation for electrical equipment testing and showcasing. Accurate Physics simulations. Serial Commiunications.

PERSONAL PROJECTS

Portfolio - 🗹 Project-Page

2024/9 - Present

 Personal Portfolio website with Completely Dynamic content, Localization, Blogging, Projects, Resume Generator and SEO.



3D Soccer Sim - Project-Page

2022/12 - 2023/4

- Designing a 3D Soccer simulator in a 2*2 multi-agent system.
- Training 2 Deep-Reinforcment agents for playing soccer.

C# Unity Machine Learning Deep Learning Reinforcment Learning

MapMe - 🗹 Project-Page

2021/4 - 2021/5

 A native Android GIS software that lets you make a map using GPS locations and perform calculations on them.

Java Android Google Maps API GPX Serialization

Easy Parvaz - 🖸 Project-Page

2020/8 - 2021/1

- Designing an Airline system to store and manage information of customers, flights, airplanes, and tickets.
- Ticket Reservation and printing.

C# .NET Framework MSSQL Dapper WinForm