

Amir Hooshang Emamjomeh

Game Developer

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EDUCATION

Azad University at Central Tehran

Master of Computer Engineering

Major : Artificial Intelligence and Robotics

Tehran, Iran

Jan. 2024

Azad University at Booin-Zahra

Bachelor of Manufacturing Engineering

Major : Machine Tools

Booin-Zahra, Iran

Feb. 2015

TECHNICAL SKILLS

- **Programming Languages:** C#, Python, JavaScript
- **Frameworks:** .NET Core , ML.NET , TensorFlow , pandas , Numpy
- **Tools:** Visual Studio, Unity 3D, Wintermute, MySQL, Rapidminer
- **3D Modeling:** Maya, MotionBuilder, ZBrush, Marvelous Designer

PROFESSIONAL EXPERIENCE

Azad University at Central Tehran

Machine Learning Researcher

Tehran, Iran

Nov. 2021 – Dec. 2023

- Analyzed data from human activity recognition using ML neural networks such as CNN, LSTM, and RNN to predict behavior
- Assembled programs with Python using TensorFlow to simulate human behavior using AI

AndisheVaran

Game & Software Developer

Karaj, Iran

Nov. 2008 – Oct. 2021

- Built and configured games with C#, using Unity to design 3D objects, script, sound, and animation
- Incorporated API's to work with Windows applications in providing useful information on social media, updates, news, and stocks

INDEPENDENT PROJECTS

Freelance Work

2012 – Present

- Built a series of games with C# in the Unity3D for mobile, using Maya and motionbuilder to design 3D Object and animation. Photoshop was used for building UI
- Used WinForms to fetch data with AI and pull from database to manage investments

Detectives Club

2014 – 2015

- Developed an adventure game in which the player attempts to investigate a murder-case by finding clues and gathering evidence to solve a crime for Android, hosted on the Google Play store
- Implemented functionality to add objects into inventory and use them as part of gameplay while using 3D model objects, animation, sound, and dialogue to create an interactive experience

Alavi Detective

2010 – 2011

- Designed a third person point-and-click adventure game for Windows PC in which the player unveils secrets to a lost tale
- Includes advanced logic for players to interact with complex puzzles and solve mysteries related to the story

MEMBERSHIPS

- Iran Video Games Festival Academy
- Iran Computer and Video Games Foundation
- Iranian Independent Game Developers
- Hobby and Game Design Dept. in Iran

AWARDS

- Honorary diploma for the best playbook, Tehran Game Festival (2017)
- Winner of best commercial student game, National Computer Game Developer Students (2013)
- Third Place for best game, National Computer Game Developer Students (2013)
- Winner of best adventure game, Tehran Digital Festival (2011)