

# Hossein Pouresmaeeli Asiabar

<https://www.hosseinpouresmaeeli.com>

Email: [pouresmaeeli.h@gmail.com](mailto:pouresmaeeli.h@gmail.com)

## EDUCATION

### BS In Electronics Engineering

Guilan University  
Rasht, Iran  
2008 - 2013

GPA: 14.22 (scale: 20)

### Pre University & High School

Allameh Tabatabaee High School  
Tehran, Iran  
2004- 2008

## LANGUAGE

### IELTS Overall Score: 7

L(8), R(8), W(6), S(6)  
(October - 2021)

## SKILLS

### PROGRAMMING

- MATLAB
- C#
- Python
- JAVA
- C++
- Ladder
- Arduino IDE

### Game Designing

- Unity Game Engine

### MODELING

- Autodesk Inventor:  
3D Modeling  
Design Assemblies
- HSPICE/SPICE
- Proteus
- MATLAB

### ELECTRICAL ENGINEERING

- Analyzing Electrical and Electronic Circuits Using SPICE/HSPICE
- Digital & Analog Circuit Design

## LINKS

[Personal Website](#)

[LinkedIn](#)

## PUBLISHINGS

A Simple Zoning-Based Method For 3D Object Recognition (Not pulished yet) (Nov-2022)

## PROJECTS (for further details and information please refer to the links provided)

Developing a licence plate recognition system and implementing it on Jetson Nano(2023)

As an app and game developer:

Developing EarAIPro (Software) (Xamarin.Android + C# + YAMNet Pre-trained Network) (2023)  
(for [Android](#))

Developing Beehive Math/ Find The Path By Math (Game) (Unity + C# + MATLAB) (2022)  
(for [iOS](#), for [Android](#))

Designing Levels and Developing Loobla (Game) (Unity + C# + MATLAB) (2021)  
(for [iOS](#), for [Android](#))

Developing Gemmy Puzzel (Game) (Unity + C#) (2020)  
(for [iOS](#), for [Android](#))

As an R&D team member:

[Plasma Sterilizer which was designed in 4 different versions\(2013-2019\)](#)

As a student at the University of Guilan:

[Design and Implementation of an FPGA-Based Face Detection System \(2012\)](#)

[Adaptive Data Hiding in Edge Areas of Image with LSB Substitution Method in a Key-free Pseudorandom Way \(2012\)](#)

## EXPERIENCES

- Software Developer at Gam Electronics (2023-now)
- Game/Application Developer (2019-2023)
- Programmer, R&D Member and Engineer at Atie Medical Industries Co. (2019)
- Programmer, R&D Member and Engineer at Teb Pouyesh Farabi Co. (2017 - 2019)
- Programmer, R&D Member and Engineer at Kousha Metal Industries Co. (2014 - 2017)
- Teacher Assistant at the Department of Electerical Engineering, Faculty of Engineering, University of Guilan, Rasht, Iran (2012 - 2013)
- Teacher Assistant of Electronics Laboratory at the Department of Electerical Engineering, Faculty of Engineering, University of Guilan (2012 - 2013)
- Sa'adatmand Department of Telecommunications (Internship, 2011)