

# Hossein Pouresmaeeli Asiabar

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## 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 published yet) (Nov-2022)

## PROJECTS

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

As a game developer:

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

Developing EarAI (Software) (Unity + C# + YAMNet) (2022)  
(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

- Game/Application Developer (2019-now)
- 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 Electrical Engineering, Faculty of Engineering, University of Guilan, Rasht, Iran (2012 - 2013)
- Teacher Assistant of Electronics Laboratory at the Department of Electrical Engineering, Faculty of Engineering, University of Guilan (2012 - 2013)
- Sa'adatmand Department of Telecommunications (Internship, 2011)