

ATEFEH IRANI

PhD Candidate in Artificial Intelligence at University of Tehran

@ a.irani@ut.ac.ir

iamatefeh.ir

iraniana

8 June 1993 (Age 29)



ABOUT ME

Atefeh, Ph.D. candidate in Artificial Intelligence at the University of Tehran. My research focus is on cognitive science, with a particular interest in using AI to detect diseases. I have experience in detecting Autism and am currently working on early diagnosis of Parkinson's within the field of cognitive science. I am passionate about the intersection of AI and human cognition and strive to make a positive impact through my work. In addition to my research, I am also a game developer and have experience as a full-stack web developer. Always seeking new opportunities to learn and grow.

EDUCATION

PhD in Artificial intelligence and robotics

University of Tehran

2018 - Present

GPA: 5/5

MSc in Artificial intelligence and robotics

University of Tehran

2015 - 2018

Thesis: A serious intelligent Game for rehabilitation and assessment of emotional skills in children suffering Autism Spectrum Disorder.

GPA: 4.4/5

Bsc in Software Engineering

University of Tehran

2011 - 2015

GPA: 4.4/5

STRENGTHS

Software Architecture

Artificial Intelligence

Deep Learning

Machine learning

Big Data

Pattern Recognition

Image Processing

Deep Learning

Game Design

EXPERIENCE

Pars Cognition

Lead Full Stack Developer

2015 - Ongoing

- Technical team management
- Unity game designer and developer

University of Tehran

Researcher

Dec 2021 - Ongoing

Diagnosis Parkinson's disease using AI

Mersateb Co.

Full Stack and Android Developer

2014 - 2018

- Medical device software standard (62304) Implementor
- Web developer

University of Tehran

Teacher Assistant

2014 - 2015

Courses: Artificial Intelligence, Operating Systems

PUBLICATIONS

Autism screening using a video game based on emotions

2018 2nd National and 1st International Digital Games Research Conference: Trends, Technologies, and Applications (DGRC)

A serious game to learn and enhance emotional skills for children: A pilot study

2017 Proceedings of 1st Digital Games Research Conference Trends, Technologies and Applications

Effectiveness of emogalaxy video game on social skills of children with adhd

2019 International Serious Games Symposium (ISGS)

Effectiveness of computer games of emotion regulation on social skills of children with intellectual disability

2018 2nd National and 1st International Digital Games Research Conference: Trends, Technologies, and Applications (DGRC)

Effectiveness of emogalaxy video game on social skills of children with adhd









2019 International Serious Games Symposium (ISGS)

LANGUAGES









English 
Persian 

SKILLS

Machine Learning

Python 
Numpy 
Tensorflow 
Keras 
OpenCV 
MATLAB 
Pytorch 
R 






Software Development

C/C++/C# 
Python 
Linq 
Entity Framework 
Unity 
Java 
Software Architectures 
Android 

Databases

SQL 
PostgreSQL 
MySQL 
No-SQL 


Web Development

ASP.NET 
Vuejs 
JavaScript 
Rest API 
PHP 


Other

Git 
FPGA 
LabView 


HONORS & AWARDS


National Elites Graduate Fellowship
University of Tehran  2018

Member of National Elites Foundation
Iran National Elites Foundation  2018 - Present

Candidate of Serious Games Prize
First Serious Games Prize (DGRC Conference)  2017

13th Place at the International Computer Engineering Olympiad
19th international Computer Engineering Olympiad  2014

3rd Place at Iran Open International Robotic Competition
ROV (Remotely operated underwater vehicle) League  2017

Ranked second among all of the students (2012-2015)
Computer Engineering, University of Tehran  2012-2014

Ranked 213rd in National University Entrance Exam
Iran  2011