



Education

B.Sc. | Computer Engineering
Shahid Beheshti University | 2016 - Present

- Current GPA: 17/20

Pre-College and High School |

Mathematics & Physics

Farzanegan (National Organization for Development of Exceptional Talents) | 2012-2016

- GPA: 3.97

Research Interests

Robotics and Simulation • Machine learning and Deep learning • Distributed Systems and Algorithms • OS

Skills

Programming Languages

Fluent

Golang • Python • C++ • Bash

Familiar

Java • VHDL • Systemverilog • Verilog
Matlab • SQL • C

Frameworks and Libraries

Familiar

Django • GRPC-gateway • Numpy

Pandas • Scikit-Learn • Keras

Tensorflow

Tools

Fluent

Docker • Kubernetes • Git

OS

Linux • Windows

Languages

Persian(Native) • English(Advanced)

Projects

- Image style transfer using Convolutional Neural Networks:
- MNIST digit recognition using Convolutional Neural Networks(AlexNet):
- Digital System Design course projects:
- Dual-Tone Multi-Frequency decoding and encoding:

Work Experiences

AI and Cloud Services at Hezardastan Group | Software Engineer
October 2019 - Present

Cafe Bazaar at Hezardastan Group | Software Engineering Intern
Summer 2019

Teaching Experiences

Shahid Beheshti University | Teaching Assitant

- Artificial Intelligence by Mehrnoush Shamsfard (Spring 2019)
- Theory of Automata and Languages by Ghassem Jaberipur (Fall 2018)
- Advanced Programming by Mojtaba Vahidi (Fall 2017 and Spring 2018)

Farzanegan 5 Middle School, (National Organization for Development of Exceptional Talents) | Programming Teacher and Simulation Team Leader
August 2018 - April 2019

Puplications

Team Description Papers

- Karami, H., Mahdavian, Sh., Moazzami Jahromi, M., Rokni, S. R., Sarkamari, Y., "Hades2D Soccer 2D Simulation - Starter Team Description Paper 2018", RoboCup Asia-Pacific, 2018, Kish, Iran
- Ahmadi Neishaboori, S. B., Izadjoo, A., IzadPanah, H. S., Jafari Aghdam, F., Nasirifar, M., Mahdavian, Sh. S., "RoboCup 3D Simulation League Cyclone3D Team Description Paper 2017", RoboCup World Cup 2017, Nagoya, Japan
- Farshbaf Nadi, M., Farzan, M., Gohargani, M., Kaviani, P., Mahdavian, Sh. S., Pourmoghaddam, R., "Poseidon Team Description Paper", RoboCup World Cup 2015, Hefei, China
- Abderezaei, A., Farzan, M., Ghaffari, K., Kaviani, P., Khodaparast, M., Mahdavian, Sh. S., Nasehi, F., Pourmoghaddam, R., "Poseidon Rescue Simulation Team Description Paper", RoboCup World Cup 2014, João Pessoa, Brazil

Awards

7th Place. Soccer 2d Simulation, RoboCup Asia-Pacific	2018
7th Place. Soccer 3d Simulation, RoboCup IRAN OPEN,	2017
4th Place. Artificial Intelligence Challenge, Sharif AI Challenge	2017
6th Place. Rescue Simulation, RoboCup IRAN OPEN	2015
5th Place. Rescue Simulation, RoboCup World Cup	2014
8th Place. Rescue Simulation, RoboCup IRAN OPEN	2014
1st Place. FarzCode (Farzanegan ICPC)	2014
1st Place. Additional part of Hellinet (Allameh Helli ICPC)	2014

References

- Ghassem Jaberipur (jaberipur@sbu.ac.ir)
- Mojtaba Vahidi (mo_vahidi@sbu.ac.ir)
- Mehrnoush Shamsfard (m-shams@sbu.ac.ir)