

Zeinab Farrokhi

Human and Robot Interaction Laboratory (TaarLab)

University of Tehran

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RESEARCH INTERESTS

- Human and robot interaction
- Nervation
- Artificial intelligenc
- Coding
- Image Processing,
- Human Robot Interaction (HRI).

ACADEMIC BACKGROUND

- Bachelor of Science : Electrical Engineering , Shahid rajae University, Tehran, 2014

Thesis: Designing and constructing speed control of dc motor by programmable logic control and monitoring by HMI (under supervision of Dr.Parviz Amiri)

GPA: 16.33(out of 20)

AWARDS AND HONORS

- Ranked 1st in high school
- 4 gold medals in team and individual chess matches

PUBLICATION

- Z. Farrokhi, P. Amiri, M. Bagheri, " Designing and constructing speed control of dc motor by PWM", accepted in 4th Iranian Conference on Electrical and electronics engineering Engineering (ICEEE), 2013.
- Z. Farrokhi, P. Amiri, M. Bagheri , " Designing and constructing speed control of dc motor by digital control system analysis ", accepted in 15th Iranian Conference on Electrical Engineering (ISCEE),Iran2013.

COMPUTER SKILLS

- Engineering Simulation Software: MATLAB (Simulink), Pspice (OrCAD Capture), Proteus, Altium Designer ,Multisim, plc, hmi.
- Programming: C, C++, Q basic , MATLAB, Bascom (AVR), CodeVision (AVR).
- Operating Systems and Office software suite: Microsoft Office

EXTRACURRICULAR ACTIVITIES

- constructing Robot of line follower in Society of Robotics at Shahid rajaee University.
- Active committee member of Society of Electrical Engineering at Shahid rajaee University.

- Active committee member of Society of Robotics at Shahid rajae University.

TEACHING EXPERIENCES

- Shahid rajae University:

robotics

Language skills

- English: Fluent
- Arabic: Intermediate
- Persian: Native

HOBBIES

- Painting & poem
- Sport (chess, Swimming)