



1-personal information:

Name: Ali

Family name: Ravari

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Email: ali.ravari@yahoo.com

2-Education:

- Student of Mechatronic Engineering (M.sc) Azad University of semnan
 - Electronic engineering (B.Sc.) Azad university of Qazvin branches
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3- Article:

-Optimal PID Controller Design with State Space to Follow the Path of PUMA 560 Robot.Icrom 2012,Iran.

4-Training Experiences:

- Coach of Training course in mechanic and electronic of robot in Tehran institute of Technology
- Coach of Training course in robotic (intelligent mouse) in the level of Tehran schools
- Training workshop for electronic and robotic mechanism, for sama-school teachers
- Training workshop familiar with electronics –Azad university of Ardabil
- Training workshop familiar with electronics of robot-Azad university of Damavand

- Scientific Expert for TV program omgh-e-AB for robotic competition Iran-open
 - Scientific Expert for TV program KANDO with title of world of robotics.
 - Scientific Expert for Radio program DONYAYE NO for world competition of robotic.
 - Training workshop familiar with mechanics of robot-Azad University of firozkoh.
 - Training workshop familiar robotic and Robocop -Azad University of majlesi Esfahan.
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5-work experiences:

- Member of executive committee of Iran open 2013 robotic competition
 - Member of technical committee of Iran open 2013 robotic competition in the at home field
 - Member of executive committee of Iran open 2012 robotic competition.
 - Member of technical committee of pnu open 2012 robotic competition special trajectory lig.
 - Member of technical committee of Iran open 2011 robotic competition in the at home field.
 - coach of training course for mechanic of robot in Tehran institute of technology since 1385
 - Researcher of robotic in Tehran institute of technology since 1385.
 - Member of technical committee of Iran open 2010 robotic competition in the at home field
 - Member of technical committee of robotic competition in Khwarizmi festival at lig of humanoid robot.
 - Member of technical committee of robotic competition in Khwarizmi festival at lig of mine detector robot.
 - Technical expert in negarin Sanat Company in section of ECU (electronic control unit) 86-87.
 - working in robotic section of Azad university of majlesi Esfahan 84-86.
 - as a designer in mechatronic system of at home robots in mechatronic research center (mrl) azad university of Qazvin branches.86
 - Designer of mechatronic system in the SESG robotic team.
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6-Hardware and Software Skills:

- complete familiar with design and manufacturing of robotic systems (electronic and mechanic).
- familiar with design of various control system.

-familiar with FPGA systems.

-familiar with micro controller (AVR, 8051).

-familiar with following software:

Solid works,Codvision ,poroteus 7, modelsim 5.5 ,Autocad , working model 4D , matlab

-familiar with programming languages (C,C++,VHDL).