

Curriculum Vitae (C.V.)

Mohammad Arabnejad

About	Gender : Male	Mobile: (+98)9131988767
	DOB: 20 / 1 1984	Email: m_arabnezhad@yahoo.com
Student of Electronic engineering in Azad university of kerman.		
International Robocop Matches	<ul style="list-style-type: none"> • Participating in International IranOpen 2007 Robotic match in Iran. • Participation in International Robocop 2006 match in Germany. • Participation in International Robocop 2005 match in Japan. 	
Team working	<ul style="list-style-type: none"> • Cooperation in design of electronic controller board of NICICO robot and participation in robocup2007 competitions in Bremen-Germany. NICICO robot was an improved model of Persia-B humanoid robot and is able to walk shoot and Act as a goalkeeper robot autonomously. • Cooperation in design and implementation of walking algorithm of NICICO Humanoid robot for Robocup2006 Competitions in Germany. Since the NICICO robot is a humanoid robot a walking algorithm is needed to be designed to adjust the angle of every joint and it's speed & torque, So the robot would be enable to move fast and smooth like a real human. • Cooperation in design and implementation of walking algorithm of Persia-B Humanoid robot and participation in Robocup 2005 competitions in Osaka-Japan. • Design and Cooperation in implementation of the Intelligent Control Unit (ICU) of the car. (2006) The ICU is a system which is specially designed to control different parts of the car and improve its efficiency and security level. 	

	<ul style="list-style-type: none"> • Cooperation in design of "Adaptive Car Safety System". Adaptive car safety system is an intelligent electronic device that can be attached to any kind of car and learn and understand the dangerous situations in which the car might get out of control or cause an accident according to the data which is input from different sensors, Finally the system can limit the speed or warn the driver to decrease the speed.
Technical Expertise	<ul style="list-style-type: none"> • Expert in programming microcontrollers and "Hardware Description Language" which is used to design and build small size and high density electronic circuits. • C , C++ , Visual basic , Basic Programming languages. • Design and building "infrared blood vein finder set". • Design and building "Tel line Fault monitoring system".
Awards	<p>1st place in Iranopen 2007 robotic competitions.</p> <p>3rd place of 8th Kharazmi youth festival in Iran by presentation of "Automated infrared blood vein finder" set (December-2006)</p> <p>2nd place of Archimedes 2006 invention competitions in Russia by presentation of "Automated infrared blood vein finder" set. (May-2006).</p> <p>3rd place of 5th kharazmi festival by presentation of "Inteligent vehicle control system" in the year 2003.</p>
Published	<ul style="list-style-type: none"> • H. Nezamabadi-pour, M. Arabnezhad, M. Nikouie Mahani, S.R. Ataee, K. Noorae, M. Iranmanesh, S.M. Alavi, H. Haji Rezaei, M. Fadaee, "Persia Team Description 2006 Robocup ",The International Symposium and Competitions on Robocup, Bremen Germany, 2006. • H. Nezamabadi-pour, M. Iranmanesh, M. Alavi, M.Nikouie Mahani, S.R. Ataee, H.H. Rezaei, M. Arabnezhad, P. Hosseini, "Persia B Team Description 2005 Robocup ",The International Symposium and Competitions on Robocup, Osaka Japan, 2005.
Journal Publications (in chronological order)	<ul style="list-style-type: none"> • S. Jafari, M.A Nikouei Mahani, M. Arabnezhad and M. Sharifi, "<i>Adaptive Car Safety System</i>", published in the Transactions on engineering, computing and technology, ISSN: 1305-5313, ENFORMATIKA, VOL 19, pp. 46-50, January 2007.