

Armin Moharrer

CONTACT INFORMATION	Electrical Engineer Unit 7, Number 52, Alvand Street Argentina Square, Tehran, Iran	Phone: (+98) 912-5571131 E-mail: armin.mrm93@gmail.com
OBJECTIVES	Obtaining an academic position as a graduate student at a well-known and decent university, where provides me with up-to-date knowledge and an academic atmosphere. My ultimate goal is to use my talents and studies to contribute to major advancements in technology and science in the world.	
INTERESTS	Machine Learning Pattern Recognition Speech Processing and Speech Recognition Image Processing and Machine Vision	
EDUCATION	B.Sc of Electrical Engineering (average 18.39/20 via 107 units) Amirkabir University of Technology(Tehran Polytechnic) <code>ele.aut.ac.ir</code> September 2011 – present	
	Diploma in Mathematics and Physics Discipline average 19.06/20 Salam High school	2006-2011
PROJECTS	Human Motion Analysis with Exploitation of Deep Gaussian Processes (in collaboration with M.H.Chaghazardi(B.sc Student)) November 2014-present Under supervision of Dr.S.Shiri	
	modeling data by multimodal multinomial Gaussian distribution with exploitation of DP mixture model (in collaboration with M.H.Chaghazardi(B.sc Student)) July 2014-October 2014 Under supervision of Dr.H.Sheikhzade,	
PERSONAL ACHIEVEMENTS	Offered to attend Amirkabir University of Technology's M.Sc program in System Communication due to my high GPA Ranked 15th among 114 EE students 2014 Offered Bachelor of Applied Mathematics 2013 Ranked 413 among over 250,000 participants in university entrance exam(KONKOOR) 2011 Semi-finalist in Mathematics Olymiad 2010 Semi-finalist in Computer Olymiad 2010 Semi-finalist in Mathematics Olymiad 2009	
TECHNICAL SKILLS	Programming : C, C++, MATLAB, Proteus, LaTeX, a little Visual Basic, Microsoft Office	
TEACHING EXPERIENCE	Teaching Assistant of Engineering Mathematics course for Dr.Rashid Mirzavand , Amirkabir University of Technology fall 2014	
SELECTED COURSES	Discrete Time Signal Processing: 17.4 Communication 1: 20 Engineering Mathematics: 20 Linear Control : 18	

Electrical Circuits 2: 18.4
Electrical Circuits 1: 18
Signals and Systems : 17.3
Electronic 2 : 19
Electronic 3: 18.7

PRESENTATIONS **A presentation on VCO and its applications in FM modulation, Communication 1 course** 2013

An introduction to NGN and its future perspective, Transmission Systems course 2013

HOMEWORK PROJECTS **Designing an Op-Amp and simulating its characteristics via H-spice, Electronic 3 course** Spring 2014
Solving wave equation via MATLAB and simulating standing and moving waves, Fields and Waves course fall 2014
Implementing a downer and upper counter on FPGA via VHDL, Logic circuit lab Spring 2014
Control of ball on plate by PD compensator, Linear Control course Fall 2013
Solving differential equations via MATLAB,Differential Equations course Spring 2012

HOBBIES *Listening to Music, Listening to TED Talks*
Swimming, Running

Languages Persian: native
English: fluent
TOEFL: 108
Reading:28,Listening:28,Speaking:24,Writing:28
GRE
Verbal Reasoning:154,Quantitative Reasoning:166,Analytical Writing:3.5