

Mehraveh Salehi

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EDUCATION	<div><div>Yale University, New Haven, CT</div><div>Ph.D. in Electrical Engineering</div><div>Advisor: Professor Wenjun Hu</div><div>Research area: Computer Networking and Systems</div></div> <div><div>Sharif University of Technology, Tehran, Iran</div><div>B.Sc. in Electrical Engineering</div><div>Major in Communication Systems</div><div>BS Thesis: <i>Design and Implementation of a Signal Generator with Variable SNR</i></div></div>	August 2014 - Present
RESEARCH INTERESTS	<div>Internet and Computer Networking</div> <div>Analysis and Design of Wireless Communication Systems</div> <div>Network Management and Future Trends and Issues</div> <div>Cloud and Distributed Systems</div>	
AWARDS AND HONORS	<div>Achieved Yale University SEAS Ph.D. Fellowship Award</div> <div>Achieved Elite Undergraduate Fellowship, Awarded to the top 0.03% of engineering students nationally, Iran</div> <div>Recognized as Scientific Elite by the National Iranian Elite Foundation</div> <div>Achieved Certificate from SCFE (Sharif Conference on Future Electronics)</div> <div>Ranked 74th amongst more than 460,000 participants in the Nationwide University Entrance Examination</div> <div>Admitted to Farzanegan High School, NODET (National Organization for Development of Exceptional Talents)</div>	<div>March 2014</div> <div>[2010 - 2014]</div> <div>[2010 - 2014]</div> <div>March 2013</div> <div>September 2010</div> <div>September 2006</div>
PUBLICATIONS	Mohammad J. Salehi, Mehraveh Salehi, Hamidreza Bagheri, Babak H. Khalaj, Marcos Katz and Pavel Loskot,“Exploiting Relative Consensus Techniques in Future Advanced Communication Networks in the Presence of Failures”, in Proceedings of International Conference on Electrical Engineering and Applications, 4-6 April 2014, Athens, Greece.	
SELECTED COURSES AND GRADES	<div><div>Data Transmission and Networking</div><div>Wireless Communication</div><div>Digital Communication</div><div>Probability and Statistics</div><div>Advanced Programming</div></div> <div><div>Dr. Ramezani</div><div>Dr. J. Golestani</div><div>Dr. F. Behnia</div><div>Dr. A. Aminzadeh Gohari</div><div>Dr. B. Vosughi Vahdat</div></div> <div><div>20/20</div><div>16.7/20</div><div>16.8/20</div><div>17.6/20</div><div>18/20</div></div>	
PROFESSIONAL EXPERIENCE	<div>Analysis of Underwater Optical CDMA Communication</div> <div>Intern-ship Project, Under Supervision of Prof. J. Salehi</div>	Summer 2013

SELECTED ACADEMIC PROJECTS	Design and Implementation of a Signal Generator with Variable SNR at High Frequency [Summer 2013 - Summer 2014] B.Sc. Project, Under Supervision of <i>Prof. A. Fotowat</i>
	Research on Sensor Networks and Distributed Systems [Summer 2012 - Summer 2014] Under Supervision of <i>Prof. B. Khalaj</i>
	Research on Network-Based Approach to Human Disease [Fall 2013 - Summer 2014] Under Supervision of <i>Prof. B. Khalaj</i> and <i>Prof. A. Motahari</i>
	JAVA Graphical User Interface (GUI) Programming Spring 2013 Project of the Course "Object Oriented Programming"
	Simulation of Cellular Concept and Channel Allocation in Wireless Networks Using MATLAB Spring 2013 Project of the Course "Introduction to Wireless Communication"
	Design and Implementation of Digital Oscilloscope Using AVR Micro-controllers Spring 2012 Project of the Course "Computer Architecture"
	Implementation of Several Hardware Designs on DE2 Board with Verilog HDL Fall 2011 Project of the Course "Logic Circuits"
	Research on Blind Source Separation and Sparse Recovery Fall 2011 Under Supervision of <i>Prof. M. Babaie Zadeh</i>
SKILLS	Programming: MATLAB, Simulink, Python, C/C++, Java, Verilog HDL CADs and Platforms: AVR, Linux, QuartusII, OrCad PSpice, Gephi, HTML Languages: Persian (native), English (fluent), Turkish (fluent), Arabic (basic)
TEACHING EXPERIENCES	Instructor of Graph Theory , Nokhbegan High School, Tehran, Iran [2011 - 2013]
	Undergraduate Teaching Assistant [2012 - 2014] Communication Systems, Electrical Engineering Principles, Introduction to Probability, Digital Signal Processing, Computer Architecture
	Undergraduate Laboratory Assistant [2012 - 2013] Computer Architecture, Electrical Engineering Principles
EXTRA- CURRICULAR ACTIVITIES	Playing Basketball, Swimming, Climbing
	Playing Santour (a Persian music instrument), Watercolor Painting, Photography
	Writing Articles for Student Newspaper in Sharif University of Technology
REFERENCES	Available upon request.