

CURRICULUM VITAE



PERSONAL INFORMATION

NAME Saeid
LAST NAME Pashazadeh
DATE OF BIRTH 16/09/1971
NATIONALITY Iranian
LANGUAGES Persian (native), Turkish (native), English (good)

CONTACT INFORMATION

ADDRESS Room No. 338, Electrical and Computer Engineering Department, The University of Tabriz, 29th Bahman Boulevard, Tabriz, East Azarbijan Province, Iran.
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EDUCATIONS

1. Ph.D. candidate in Computer Engineering (Software), Computer Engineering Department, Iran University of Science and Technology, Tehran, Iran, 2004- (2009: ready for thesis defense)
Thesis Title: "*Priority-Based Quality of Service Support at Middleware Level for Target Tracking in Wireless Sensor Networks*",
Supervisor: Dr. Mohsen Sharifi, G.P.A. 18.34/20 (till now: 2009).
2. M.Sc. in Computer Engineering (Software), Computer Engineering Department, Iran University of Science and Technology, Tehran, Iran, 1996-1998.
Thesis Title: "*Simulation of Orthodontic Treatment Using Numerical Analysis*"
Supervisor: Dr. Mohsen Sharifi, G.P.A. 17.36/20, First Rank (1/12).
3. B.Sc. in Computer Engineering (Software), Computer Engineering Department, Sharif University of Technology, Tehran, Iran, 1990-1995.
Thesis Title: "*Design and Implementation of Computer Aided Tools for Learning Recursive Programming*"
Supervisor: Dr. Mohammad Ghodsi.

JOB EXPERIENCES

1. Lecturer in electrical and computer engineering department of Tabriz University, Tabriz, Iran, 2005 – (now: 2009).
2. Invited Lecturer of university of applied science and technology, Tabriz, Iran, 1999- (now: 2009).
3. Lecturer in electrical engineering department of Sahand University of technology, Tabriz, Iran, 1999 – 2004.
4. Invited Lecturer of Iran University of science and technology in computer engineering department, Tehran, Iran, 2003-2004.
5. Project manager in Shahin Electric Corporation which is a division of Navid tech. corporation, Tehran, Iran, 1995-1997.
6. System analyst in abroad mercantile division of commerce ministry, Tehran, Iran, 1995-1996.
7. Research assistant in international institute of earthquake engineering and seismology, Tehran, Iran, 1993-1994.

JOURNAL PUBLICATIONS

1. S. Pashazadeh, M. Sharifi, "A Geometric Modelling Approach to Determining the Best Sensing Coverage for 3-Dimensional Acoustic Target Tracking in Wireless Sensor Networks", *Sensors* 2009, 9(9), pp. 6764-6794.
2. S. Pashazadeh, M. Sharifi, "Determining the Best Sensing Coverage for 2-Dimensional Acoustic Target Tracking", *Sensors* 2009, 9(5), pp. 3405-3436.

CONFERENCE PUBLICATIONS

1. M. Sokouti, S. Pashazadeh, B. Sokouti, "8-bit Improved Transposition Cipher System for Wireless Infrastructure", 2nd Iranian Conference On Electrical & Electronics Engineering (ICEEE 2009), Gonabad, Iran, 19-20 Aug 2009.
2. S.Pashazadeh, M. Sharifi, "Simulative Study of Error Propagation in Target Tracking Based on Time Synchronization Error in Wireless Sensor Networks", *Innovations* 2008, Al Ain, United Arab Emirates, December 16-18.
3. M. Sharifi, S. Pashazadeh, "Applying Analytic Geometry for Remote Target Tracking Using Wireless Sensor Networks", 5th National Conference of Machine Vision and Image Processing of Iran (MVIP 2008), Tabriz, Iran, November 4-6.
4. S. Pashazadeh, M. Sharifi, "Reliability Assessment under Uncertainty Using Dempster-Shafer and Vague Set Theories", IEEE International Conference on Computational Intelligence for Measurement System and Applications (CIMSA 2008), Bogazici University, Istanbul, Turkey, July 14-16, 2008, pp: 131-136.
5. S. Pashazadeh, M. Sharifi, "Simulative Study of Target Tracking Accuracy Based on Time Synchronization Error in Wireless Sensor Networks", IEEE International Conference on Virtual Environments, Human-Computer Interfaces, and Measurement Systems (VECIMS 2008), Bogazici University, Istanbul, Turkey, July 14-16, 2008, pp: 68-73.
6. S. Pashazadeh, M. Sharifi, "Simulative Study of Two Fusion Methods for Target Tracking in Wireless Sensor Networks", *Communications in Computer and Information Science: Advances in Computer Science and Engineering*, Springer Berlin Heidelberg, 2009, pp. 769-772.
7. S. Pashazadeh, M. Sharifi, "Simulative Study of Two Fusion Methods for Target Tracking in Wireless Sensor Networks", 13th Joint International & National Computer Society of IRAN Computer Conference (CSICC 2008), Kish Island, Persian Gulf, IRAN, March 9-11,2008.
8. S. Ebadi, H. Motiei, S. Pashazadeh, "Simulation and Performance Evaluation of Hierarchical Clustering in Wireless Sensor Networks", 13th Joint International & National Computer Society of IRAN Computer Conference (CSICC 2008), Kish Island, Persian Gulf, IRAN, March 9-11,2008. (in Persian)
9. S. Pashazadeh, M. Sharifi, "Requirements for Developing and Running Pervasive Healthcare Systems", 14th Iranian Conference on Biomedical Engineering (ICBME 2008), February 13-14, 2008, pp: 449-456.
10. S. Pashazadeh, N. Grachorloo , "Reliability Assessment under Uncertainty Using Dempster-Shafer and Vague Set Theories", 1st International Risk Management Congress (RmSummit 2007) December 19-20, 2007.
11. S. Pashazadeh, M. Sharifi, "A Comparative Study of Two Typical Fusion Methods for Target Tracking in Wireless Sensor Networks", 3rd Conference on Information and Knowledge Technology (IKT 2007), Ferdowsi Univ. of Mashad, Faculty of Engineering, IRAN, November 27-29, 2007.
12. S. Pashazadeh, M. Sharifi, "QoS Metrics and Their Support in Wireless Sensor Networks", 3rd Conference on Information and Knowledge Technology (IKT 2007), Ferdowsi Univ. of Mashad, Faculty of Engineering, IRAN, November 27-29, 2007.
13. S. Pashazadeh, "Generating 3D Real Time Virtual Reality", 2nd Broadcast Engineering Conference, IRIB Faculty, Tehran, IRAN, November 17-19, 2007.
14. M. Sharifi, S. Pashazadeh, "Using Confidence Degree for Sensor Reading in Wireless Sensor Networks", IEEE 4th International Symposium on Mechatronics and Its Applications (ISMA07), American University of Sharjah, Sharjah, UAE, March 26–29, 2007.

15. S. Pashazadeh, M. Sharifi, H. Tamadon, "Comparing the Results of 3D and 2D Static FEM Analysis in Tooth movement study", 9th Iranian Conference on BioEngineering, Iran Univ. of Sci. & Tech., Tehran, Iran, 1999, pp:254-259.
16. S. Pashazadeh, M. Sharifi, H. Tamadon, "Studying the Effect of Resting Point in Tooth Movement using 3D Static FEM Analysis", 9th Iranian Conference on BioEngineering, Iran Univ. of Sci. & Tech., Tehran, Iran, 1999, pp:260-263.
17. S. Pashazadeh, M. Sharifi, H. Tamadon, "Studying the Computer Simulation of Tooth Movement using Static FEM Analysis", 2nd Iranian Student Conference on BioEngineering, Azad Univ., Sci. & Research Dept., Tehran, Iran, 2000, pp:238-246.

RESEARCH PROJECTS

1. 2000-2002: Research project on "Extracting the 3-D Shape of Human Face using Stereo Vision", Sahand Univ. of Sci. & Tech., Tabriz, Iran.
2. 2001-2002: Research Project on "Design and Implementation of Risk Analysis and Risk Assessment Software", Petroleum Co. Tabriz, Iran.
3. 1997-1999: Research project on "Design and Implementation of Real-time Software for Interactive Flight Simulator", Navid Tech. Co., Tehran, Iran.

SKILLS

1. Professional in Delphi, C++ & JAVA programming
2. NesC Programming (Sensor Network Programming)
3. Professional in Simulation of WSN Applications with VisualSense and Viptos Which is a Leverage of Ptolemy II.
4. System Modeling with Perti Nets and Matlab
5. System Analysis and Design using RUP & SSADM
6. Working experience with TinyOS and Linux OS (Fedora Core)

CERTIFICATES

1. Research Methods Workshop, 40 Hours, Azad University of Tabriz, 40 Hours, August 2000.
2. Teaching Methods Workshop, 40 Hours, Sahand University of Technology, Tabriz, Iran, October, 2003.
3. Research Methods Workshop, 2 days, University of Applied Science and Technology, Tabriz, Iran, July, 2006.
4. Teaching Methods Workshop, 2 days, University of Applied Science and Technology, Tabriz, Iran, July, 2006.

RESEARCH INTERESTS

1. Real Implementation of Wireless Sensor Networks
2. Analysis, Design and Modeling of Distributed Protocols, Algorithms and Systems
3. Advanced Topics in Software Engineering
4. Computer Simulation
5. Kalman & Particle Filtering
6. Real-time 3-D Virtual Reality
7. Risk Analysis and Risk Assessment

COURSE TAUGHT

1. Software Engineering
2. Operating Systems
3. Computer Simulation
4. Theory of Computation
5. Algorithm Design
6. Computer Graphics
7. Computer Security

(Last Updated: 19 September, 2009)