

## **Maryam Rastgarpour**

Ph.D. in Artificial Intelligence  
Chair of Computer Department  
Assistant Professor, Faculty of Computer Engineering,  
Azad University, Saveh Branch,  
Saveh, Iran

Date of Birth: 30 Sep. 1981

Gender: Female

Email : [rastgarpour@gmail.com](mailto:rastgarpour@gmail.com), [@iau-saveh.ac.ir](mailto:@iau-saveh.ac.ir)

Google Scholar : <http://scholar.google.com/citations?hl=en&user=QpZ-khoAAAAJ>



## **Education**

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- **Doctor of Philosophy:** Computer Engineering (Artificial Intelligence), 2008- 2013  
Azad University-Science and Research Branch, Tehran, Iran,  
*Supervisor:* Prof. Jamshid Shanbehzadeh,  
<http://scholar.google.com/citations?user=NIgpCKkAAAAJ&hl=en&oi=ao>  
*Co- Supervisor:* Prof. Hamid Soltanian-Zadeh,  
<http://scholar.google.com/citations?user=Lc1LZWIAAAAJ&hl=en>  
*Thesis subject:* Medical image segmentation by joint classification and segmentation using deformable models and clustering  
*GPA:* 18.8 out of 20
  - **Master of Science:** Computer Engineering (Artificial Intelligence), 2004-2007  
Azad University-Science and Research Branch, Tehran, Iran,  
*Supervisor:* Prof. Jamshid Shanbehzadeh,  
*Co- Supervisor:* Dr. Mir Mohsen Pedram,  
*Thesis title:* Handwritten Character Segmentation in Persian Banking Check  
*GPA:* 17.3 out of 20.
  - **Bachelor of Science:** Software Engineering, 1999-2003  
Faculty of Engineering, Kharazmi (Tarbiat Moallem-TMU) University,  
Tehran, Iran.  
*GPA:* 15.6 out of 20.
  - **Mathematics Diploma** *GPA:* 18.9 out of 20 1995-1999

## **Research Interest**

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- Machine vision
  - Image Processing
  - Machine Learning
  - Pattern Recognition
  - Data Mining
  - Fuzzy Expert Systems
  - Image Segmentation
  - Image forgery
  - Optical Character Recognition
  - Medical Imaging

## MS Thesis Supervised

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1. A Recommender system based on user interaction in Social Networks using fuzzy clustering and neural network (Mehranfar, 2016)
2. Designing an Bank Facilities Expert Recommender System Based on Clustering Techniques(Saloor,2016)
3. Empowering of Phone Call Fraud Detection in Telecommunication Systems Using Classification Methods (Khalili,2016)
4. Opinion Mining in Farsi Messages based on Neural Networks and Fuzzy Genetic Algorithms(Vahedi,2016)
5. Contrast enhancement in Cone Beam CT Images of Jaw and Teeth using Curvelet Filter(Farzam,2016)
6. Rank forecasting of entrance examination candidates using neural networks and Bagging and Boosting algorithms (Rezakhanloo, 2016)
7. Copy-move forgery detection method using local binary patterns (LBP) and SIFT (Sarkheil,2016)
8. Proposing a method to predict the rest duration of injured in work-related accidents by data mining techniques (Hakimi, 2016)
10. Accelerating image segmentation in the presence of intensity inhomogeneity(Asghari-Nia,2016)
11. Segmentation of medical images using fuzzy clustering without prior knowledge (Ashrafi, 2015)
12. Medical image segmentation using Adaptive fuzzy clustering (Arjmandi, 2015)
13. Image Segmentation Using Density Based Clustering and Gravitation Search Algorithm (Zarjini, 2015)
14. An expert system for evaluating and promoting faculty members using CommonKADS (Abdolahpour, 2015)
15. Applying data mining techniques to discover the factors affecting the survival of the employees in the financial organizations (AkbarpourNazifi, 2015)
16. A Review of the challenges of ITS software through penetration test and vulnerability test and solution to provide the security of software, (Moravej, 2015)
17. Matrix norm optimization and its application to kinship recognition using Bi-Directional Principal Component Analysis (BDPCA) (Cheraghi, 2015)
18. Improving fraud detection classification for highly imbalanced insurance dataset using hybrid sampling techniques (Rabti, 2015)
19. Classification of Ancient Coin Images using Statistical Feature Fusion (Parsa, 2015)
20. Designing an expert system to recognize, classification and evolution Bank customeres in order to loyalty them by using datamining technices (Torabian, 2015)
21. Firefly Algorithm for bimodal Hand Knuckle Verification System (Mas. Jalali, 2014)
22. Improved MPFCM clustering algorithm by nonparametric method in segmenting Magnetic Resonance brain images (Mah. Jalali, 2015)

## MS Thesis Advised (Consulted)

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1. Improving Persian Word Handwritten Recognition Using Ensemble Learning Algorithms (Sadri, 2015)
2. Development of a Deep Learning Belief Networks Model (Moshrefi, 2015)
3. Persian Viseme Classification Using Local Patterns and Support Vector Machine (Dindar, 2015)
4. People Identification in Electronic Documentation Using Segmentation and Labeling of Face (Abyar,2015)

## Publications

### A) Journal Articles

1. H. Movafegh Gh. **M. Rastgarpour**, S.M. Hashemi, M.M. Pedram, "Effectiveness of Learning Style in Popularity of Personalized Mobile Intelligent Tutoring System from View of Learners", *Indian Journal of Science and Technology*, Vol. 9, no. 31, 8 pages, 2016. DOI:10.17485/ijst/2016/v9i31/86246.
2. **M. Rastgarpour**, J. Shanbehzadeh and H.Soltanian-Zadeh, "A Hybrid Method Based on Fuzzy Clustering and Local Region-based Level Set for Segmentation of Inhomogeneous Medical Images", *Journal of Medical Systems*, Springer, vol. 38, no. 68, pp. 1-15, 2014. Doi: 10.1007/s10916-014-0068-3 , available at: <http://link.springer.com/article/10.1007/s10916-014-0068-3>
3. **M. Rastgarpour** and J. Shanbehzadeh, "A New Kernel-Based Fuzzy Level Set Method for Automated Segmentation of Medical Images in the Presence of Intensity Inhomogeneity", *Computational and Mathematical Methods in Medicine*, Hindawi, vol. 2014, Article ID 978373, 14 pages, 2014. doi:10.1155/2014/978373.
4. H. Movafegh Gh. and **M. Rastgarpour**, "A Paradigm for Application of Cloud Computing in Mobile Intelligent Tutoring Systems", *International Journal of Software Engineering & Applications (IJSEA)*, Vol. 4, No. 2, P.p. 63-73, March 2013.
5. **M. Rastgarpour** and J.Shanbehzadeh, "The Problems, Applications and Growing Interest in Automatic Segmentation of Medical Images from the year 2000 till 2011", *International Journal of Computer Theory and Engineering (IJCTE)*, vol. 5, no. 1, pp. 1-4, 2013. Available at: <http://www.ijcte.org/papers/636-A20039.pdf> .
6. **M. Rastgarpour** and J.Shanbehzadeh, "The Status Quo of Artificial Intelligence Methods in Automatic Medical Image", *International Journal of Computer Theory and Engineering (IJCTE)*, vol. 5, no. 1, pp. 5-9, 2013. Available at: <http://www.ijcte.org/papers/635-A20026.pdf> .
7. H. Movafegh Gh. and **M. Rastgarpour**, "AN ADAPTIVE AND INTELLIGENT TUTOR BY EXPERT SYSTEMS FOR MOBILE DEVICES", *International Journal of Managing Public Sector Information and Communication Technologies (IJMPICT)*, Vol. 3, No. 1, p.p. 21-28, September 2012. Available <http://airccse.org/journal/mpict/papers/3112ijmpict02.pdf>

### B) Book Chapters

1. **M. Rastgarpour** and J. Shanbehzadeh, "Automatic Medical Image Segmentation By Integrating KFCM Clustering and Level Set Based FTC Model", *IAENG Transactions on Electrical Engineering Volume 1 - Special Issue of the International MultiConference of Engineers and Computer Scientists World Scientific*, vol. 1, p.p. 257-270, 2013. (doi: 10.1142/9789814439084\_0020), available at: [http://www.worldscientific.com/doi/abs/10.1142/9789814439084\\_0019](http://www.worldscientific.com/doi/abs/10.1142/9789814439084_0019)
2. H. Movafegh Gh. and **M. Rastgarpour**, "A Web-Based Multilingual Intelligent Tutor System Based On Jackson's Learning Styles Profiler and Expert Systems", *IAENG Transactions on Electrical Engineering Volume 1 - Special Issue of the International MultiConference of Engineers and Computer Scientists*, World Scientific, p.p. 244-256, 2013. (doi: 10.1142/9789814439084\_0019), available at: [http://www.worldscientific.com/doi/abs/10.1142/9789814439084\\_0020](http://www.worldscientific.com/doi/abs/10.1142/9789814439084_0020)
3. H. Movafegh Gh. and **M. Rastgarpour**, "A Web-based, Adaptive and Intelligent Tutor by Expert System", *Advances in Computing and Information Technology*, vol. *Advances in Intelligent Systems and Computing*, vol. 177, N. Meghanathan, *et al.*, Eds., ed: Springer Berlin Heidelberg, DOI: 10.1007/978-3-642-31552-7\_10, 2013, pp. 87-95.
4. AM Sharifi, A. Emamzaadeh, AA Hamidi, H. Farzaneh and **M.Rastgarpour**, "Laminar forced convective heat transfer of Al<sub>2</sub>O<sub>3</sub>/water nanofluids", *Computational Methods and Experimental Measurements XVI*, WIT Transaction on Modeling and simulation, Vol 55, p.p. 179-191, 2013. (doi:10.2495/CMEMI130151)
5. **M. Rastgarpour** and J.Shanbehzadeh, "Off-line Hand-Written Farsi/Arabic Word Segmentation into Subword under Overlapped or Connected Conditions," *Advances in Pattern Recognition Series* ISSN 1617-7916 ISBN-13: 978-1-84628-944-6, Springer-verlag London Limited, Vol. 1, p.p. 186-194, July 2007.

## C) Proceeding Articles

1. F. Rezakhanlou and **M. Rastgarpour** , “Rank forecasting of entrance examination candidates using neural networks”, presented and published in The 2<sup>nd</sup> National Conference on Applied Research in Electrical and Computer Engineering, Saveh, Iran, Sep. 2016. [in Persian]
2. Sh. Farzam and **M. Rastgarpour**, “Contrast enhancement in Cone Beam CT Images of Jaw and Teeth using Curvelet Filter and Thresholding”, presented and published in The 2<sup>nd</sup> National Conference on Applied Research in Electrical and Computer Engineering, Saveh, Iran, Sep. 2016. [in Persian]
3. A. Mehranfar, **M. Rastgarpour** and M. Sadeghzadeh, “A recommender system on social networks according to user interaction using fuzzy clustering and neural network”, 3rd International Congress on Computer, Electrical and Communication and International Conference on Computer Engineering and Expert Systems, Mashhad, Oct.2016.
4. Mojtaba Keshavarz Siahpoosh, Mohammad Reza Dadmand and **Maryam Rastegarpour**, “Expert system to evaluate and analyze the problems of appliance based wireless sensor network”, presented and published in The 2<sup>nd</sup> National Conference on Researches of Computer Engineering Shahid Beheshti University, Tehran, Iran, 4-5 Feb. 2016. [in Persian]
5. M. Alimohammadi, **M. Rastgarpour** and A. Farahi, “ An Expert System for Diagnosis and managing Mouth Ulcer Disease”, Presented and Published in The 14<sup>th</sup> The National Conference of Computer and Intelligent Systems, Tehran, Iran, Feb. 2016. [in Persian]
6. M.Zarjini, **M. Rastgarpour** and M.Azad, “Image Segmentation Using Attraction-based Search Algorithm and Density-based Clustering”, presented and published in The International Conference in New Research of Electrical Engineering and Computer Science, University of Tehran, Tehran, Iran, 9 Sep. 2015. [in Persian]
7. Seyyedeh-Sahar Parsa and **Maryam Rastgarpour**, “Classification of the Sasanian Coins Images by Deep Learning”, presented and published in The International Conference in New Research of Electrical Engineering and Computer Science, University of Tehran, Tehran, Iran, 9 Sep. 2015.
8. Seyyedeh-Sahar Parsa and **Maryam Rastgarpour**, “Classification of Sassanin Coin Images Using Statistical Features Fusion”, presented and published in The International Conference in New Research of Electrical Engineering and Computer Science, University of Tehran, Tehran, Iran, 9 Sep. 2015.
9. F.M. Rezakhanloo, **Maryam Rastgarpour** and N. Falaki, “Predicting Top Rank of Entrance Examination Using Data Mining Techniques”, presented and published in The 13<sup>th</sup> The National Conference of Computer and Intelligent Systems, Tehran, Iran, Jun 2015. [in Persian]
10. Mohammad Javad Rezaei and **Maryam Rastgarpour**, "Knowledge Discovery by using Expert Systems and Clustering in Financial Area", presented and published in The 7<sup>th</sup> Internal Conference on Information and Knowledge Technology, Urmia University, Iran, 26-28 May, 2015. [in Persian]
11. M Jalali and **M. Rastgarpour**, “Authentication hand knuckle using genetic algorithms”, Presented and Published in The third National Conference on Computer Science, IAU-Sanandaj, Iran, 1 May, 2015. [in Persian]
12. M Jalali, **M. Rastgarpour** and M. Sadegh-zadeh, “Finger authentication algorithm using Firefly algorithm”, Presented and published in Proc. of The second National Conference on Applied Research on Computer Science and Information Technology, IAU-Tehran, Iran, 10 April, 2015. [in Persian]
13. M Jalali and **M. Rastgarpour**, “Metaheuristic algorithms in authentication with the knuckle”, Presented and Published in Proc. of The first National Conference on Computer Engineering and Information Technology, IAU-Broujen, Iran, 10 March, 2015. [in Persian]
14. Masoumeh Pourbarat, Leila Shafiei and **Maryam Rastgarpour**, "Users Normalization in a collaborative filtering Recommender system based on a possible latent space", Presented and Published in The First Internal Conference on Computer Engineering and Information Technology, IAU-Broujen, Iran, 10 March, 2015. [in Persian]
15. Seyyedeh-Sahar Parsa, **Maryam Rastgarpour** and Mohammad Mahdi Dehshibi, "Statistical Feature Fusion for Sasanian Coin Classification", Presented and published in The 11<sup>th</sup> International Conference on Computing and Information Technology (ICCIT'15), *Recent Advances in Information and Communication Technology*, Springer International Publishing, Bangkok, Thailand, p.p. 75-84, 2-3 July. 2015. (DOI: 10.1007/978-3-319-19024-2\_8)

## C) Proceeding Articles (Cont.)

16. Masoumeh Pourbarat, Leila Shafiei and **Maryam Rastgarpour**, "Detection of the Passenger Car", Presented and Published in Proc. of 1<sup>th</sup> National Road Intelligent Transportation Systems (ITS) Congress, 20-21 Jan. 2015, pp. 209-214. [in Persian]
17. M. Akbari, M. Khademi and **M. Rastgarpour**, "Application of Orthogonal Zernic Moment to extract independent of rotation and font size features for Farsi Handwritten Words ", Presented and Published in Proc. of the 19<sup>th</sup> National Computer Society of Iran Computer Conference (CSICC'14), Tehran, Iran, 4-6 Feb. 2014. [in Persian]
18. M. Salahshoor, and **M. Rastgarpour**, "A Novel Method for Segmentation of Iranian License Plate under Different Lighting Conditions", Presented and Published in Proc. of the 19<sup>th</sup> National Computer Society of Iran Computer Conference (CSICC'14), Tehran, Iran, 4-6 Feb. 2014.
19. M. Salahshoor, A. Broumandnia and **M. Rastgarpour**, "Application of Intelligent Systems for Iranian License Plate Recognition", Presented and Published in IEEE Proc. of the 12<sup>th</sup> Iranian Conference on Intelligent Systems (ICIS'14), Bam, Iran, 4-6 Feb. 2014.
20. Mahnaz Hosseini and **M. Rastgarpour**, "Intelligent Scheduling Tasks in Automation by Expert Systems", presented and published in Proc. of the 13<sup>th</sup> Iranian Conference on Fuzzy Systems (ICFS'13), Qazvin, Iran, 27-29 August 2013. [in Persian]
21. M. Salahshoor, A. Broumandnia and **M. Rastgarpour**, "An Intelligent and Real-Time System for Persian License Plate Recognition under Complicated Conditions", Presented and Published in IEEE Proc. of the 8<sup>th</sup> Iranian Conference of Machine Vision and Image Processing, Zanjan, Iran, 10-12 September 2013.
22. H. Movafegh Gh. and **M. Rastgarpour**, "Mobile Intelligent Tutoring Systems by Cloud Computing", presented and published in Proceeding of 11<sup>th</sup> Iranian conference on Intelligent Systems (ICIS'13), Kharazmi University, Tehran, Iran, Feb. 2013 [in Persian].
23. M. Salahshoor, A. Broumandnia and **M. Rastgarpour**, "A New Hybrid Method for Vehicle Plate Localization and Segmentation of its characters" presented and published in the 12<sup>th</sup> International Conference Traffic and Transportation Engineering, Tehran, Iran, Feb. 2013 [in Persian].
24. M. Jalali, **M. Rastgarpour** and R. Razaat "An Expert System for Car Pricing in Insurance Policies", presented and published in Proceeding of 11<sup>th</sup> Iranian conference on Intelligent Systems (ICIS'13), Kharazmi University, Tehran, Iran, Feb. 2013 [in Persian].
25. H. Movafegh Gh. and **M. Rastgarpour**, "Using A\* Algorithm for Optimizing the Advanced Reservation in the Systems with Real-time Service Oriented by RT-Llama Architecture" in the Proceeding of 2<sup>th</sup> Lahijan's National Conference on Software Engineering (LNCE'12), p.p. 1-6, Lahijan, Iran, 31 October-1 November 2012 [in Persian].
26. AM Sharifi, A. Emamzaadeh, AA Hamidi, H. Farzaneh and **M. Rastgarpour**, "Laminar forced convective heat transfer of Al<sub>2</sub>O<sub>3</sub>/water nanofluids", Presented and Published in Proc. of 12<sup>th</sup> Heat Transfer Conference, Croatia, June 2012.
27. **M. Rastgarpour**, S. Alipour and J. Shanbehzadeh, "Improved Fast Two Cycle by using KFCM Clustering for Image Segmentation," Lecture Notes in Engineering and Computer Science: Proceedings of 7<sup>th</sup> International Multiconference of Engineers and Computer Scientists, Hong Kong, vol. 1, pp. 678-682, 14-16 march 2012. Available: [http://www.iaeng.org/publication/IMECS2012/IMECS2012\\_pp678-682.pdf](http://www.iaeng.org/publication/IMECS2012/IMECS2012_pp678-682.pdf) [Selected Paper]
28. AM Sharifi, A. Emamzaadeh, AA Hamidi, H. Farzaneh and **M. Rastgarpour** "Computer-Aided Simulation of Heat Transfer in Nanofluids," Lecture Notes in Engineering and Computer Science: Proceedings of 7<sup>th</sup> International MultiConference of Engineers and Computer Scientists, Hong Kong, vol. 1, pp. 1417-1422, 14-16 march 2012. Available: [www.iaeng.org/publication/IMECS2012/IMECS2012\\_pp1417-1422.pdf](http://www.iaeng.org/publication/IMECS2012/IMECS2012_pp1417-1422.pdf)
29. H. Movafegh Gh. and **M. Rastgarpour** "A Model for an Intelligent and Adaptive Tutor based on Web by Jackson's Learning Styles Profiler and Expert Systems," Lecture Notes in Engineering and Computer Science: Proceedings of 7<sup>th</sup> International MultiConference of Engineers and Computer Scientists, Hong Kong, vol. 1, pp. 63-63, 14-16 march 2012. Available : [http://www.iaeng.org/publication/IMECS2012/IMECS2012\\_pp63-67.pdf](http://www.iaeng.org/publication/IMECS2012/IMECS2012_pp63-67.pdf)

## C) Proceeding Articles (Cont.)

30. **M. Rastgarpour** and J. Shanbehzadeh, "Novel Classification of Current Methods, Available Softwares and Datasets in Medical Image Segmentation", the Proc. Of The 2011 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'11), USA, p.p. 264-267, July 2011. Available: <http://world-comp.org/p2011/IPC4737.pdf>
31. **M. Rastgarpour** and J. Shanbehzadeh, "Application of AI Techniques in Medical Image Segmentation and Novel Categorization of Available Methods and Tools", Lecture Notes in Engineering and Computer Science: presented at 6<sup>th</sup> International Multiconference of Engineers and Computer Scientists, IMECS, Hong Kong, pp. 519-523, 14-16 march 2011. Available: <http://www.doaj.org/doi/func=abstract&id=724321>

## Major Professional Societies

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- Iranian Society of Machine Vision and Image Processing (ISMVIP)
- Iranian Society of Fuzzy system (ISFS)
- Institute of Electrical and Electronics Engineers (IEEE)
- International Association of Computer Science and Information Technology (IACSIT)
- The Science and Information Organization (SAI)

## Faculty appointments

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- |   |               |
|---|---------------|
| ○ <i>Part-time Instructor</i> at Islmaic Azad University, Electronic Branch, Iran             | 2015- Present |
| ○ Head of Computer Department   | 2015- Present |
| ○ <i>Faculty member as Assistant Professor</i> at Islamic Azad University, Saveh Branch, Iran | 2005-Present  |
| ○ <i>Part-time Instructor</i> at Kharazmi University, Tehran, Iran                            | 2014-2015     |
| ○ <i>Part-time Instructor</i> at Islamic Azad University, North Tehran Branch, Iran           | 2007-2009     |
| ○ <i>Part-time Instructor</i> at Payam-e-Nur University(PNU), Saveh Branch, Iran              | 2008-2009     |

## Teaching

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- **Graduate Course Taught:**
  - Expert Systems and Knowledge Engineering
  - Digital Image Processing
  - Fuzzy Systems and Methods
  - Advanced topics in Data Mining
  - Advanced topics in Software Engineering
  - Parallel Processing
  - Research Methodology
- **Under Graduate Course Taught:**
  - Introduction to Computer science
  - Introduction to programming (PASCAL)
  - Introduction to programming (C++)
  - Fundamental of Computer and Programming
  - Advanced Programming
  - Machine Language and Assembly Programming
  - Introduction to Artificial Intelligence (AI)
  - Information Storage and Retrieval
  - Design and Implementation of Programming Languages,

## Honors, Awards and Scholarships:

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- |   |      |
|---|------|
| • Azad University of Saveh, Full Scholarship for Ph.D.  | 2007 |
| • Azad University of Saveh, Full Scholarship for M.S.   | 2004 |
| • Honor student(first rank) among all participants in MS Nationwide Entrance Exam in the field of Artificial Intelligence, Azad University, Science and Research Branch, Tehran, Iran | 2004 |
| • Ranked as top 2% in BS Nationwide Universities' Entrance Exam for Eng. and Applied Math, Iran   | 1999 |

## Technical Committee Member/Reviewer of Conference and Journals

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- International Journal of Computer Science and Business Informatics
- IET Image Processing Journal
- Journal of Machine Vision and Image Processing (JMVIP) Online ISSN: 2383-1197
- The Standard International Journals (the SIJ) Print ISSN: 2321 – 2373 | Online ISSN: 2321 – 2381
- International Journal of Computer Science and Business Information (IJCSBI) ISSN: 1694-2108
- Sky Journal of Educational Research
- International Journal of Software Engineering and Application (IJSEA) ISSN : 0975 – 9018
- International Journal of Chaos, Control, Modelling and Simulation (IJCCMS) ISSN : 2319 – 5398
- International Journal on Integrating Technology in Education (IJITE ) ISSN : 2320 – 1886
- International Journal of Game Theory and Technology (IJGTT)
- An International Journal on Health Informatics (HIJ) ISSN :2319 - 2046
- An International Journal on Electrical & Computer Engineering (ECIJ) ISSN :2319 - 3190
- The International Journal of Soft Computing, Mathematics and Control (IJSCMC) ISSN :2201 - 4160
- Journal of Information System and Telecommunication
- IEEE Symposium on Business, Engineering & Industrial Applications (ISBEIA)
- IEEE Symposium on Industrial Electronics and Applications (ISIEA)
- IEEE Colloquium on Humanities, Science & Engineering Research (CHUSER)
- IEEE International Power and Energy Conference (PECON)
- IEEE Conference on Control, Systems & Industrial Informatics (ICCSII)
- National Conference on Software Engineering, Azad University, Lahijan, Iran (LNCE)
- The International Conference on Networks & Communications (NETCOM)
- The IEEE Business, Engineering & Industrial Applications Colloquium (BEIAC)

## Technical Skills

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- Programming languages: PASCAL, C/C++, Prolog, Delphi, MATLAB, Assembly, OpenCV
- Simulation environments: Simulink of MATLAB, Rapid Miner, Weka, VP-Expert, Prolog, B-Wise
- Web programming: HTML, VBScript
- Operating systems: Windows, MS-DOS, Android
- Object-oriented design and programming, UML
- Software package: Photoshop, Office, EndNote, Prezi

## Language

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- Persian: Native
- English: Fluent
- Arabic: Intermediate

Last Modified on: **2016-10-03**