#### نام و نام خانوادگی: مرتضی زاهدی

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آخرین مدرک تحصیلی: دکترای تخصصی کامپیوتر

گرایش تحصیلی: تعامل انسان و کامپیوتر و شناسایی الگو

دانشگاه محل فارغ التحصيلي: دانشگاه RWTH-Aachen ، آخن، آلمان

رتبه دانشگاهی: استادیار

زمینه ها و علایق پژوهشی: تعامل انسان و کامپیوتر، شناسایی الگو، مدیریت فرایند

## زمینه های تدریس:

- برنامه نویسی کامپیوتر
  - بینایی ماشین
  - تجارت الكترونيك
- تعامل انسان و کامپیوتر
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      - پایگاه داده ها
      - پردازش تصویر

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# مقالات و کتب چاپ شده

#### **Book**

- Morteza Zahedi, "Computer Networks", Shahrood, Shahrood University of Technology Publish Press, 2003
- Morteza Zahedi, "Fuzzy Set Theory and its Applications", University Publish Press, 1999
  Papers

- Yousefi, Sahar, Azmi, Reza and Zahedi, Morteza, "Brain tissue segmentation in MR images based on a hybrid of MRF and social algorithms", Medical Image Analysis, Elsevier, 2012
- Sahar, Yousefi, Zahedi, Morteza and Reza Azmi, "Automatic Tissue Classification in Multispectral MRIs via an Unsupervised Model", World applied Science (WASJ), Vol 12, No 7, pp. 1048-1056, 2011
- Sahar, Yousefi, Zahedi, Morteza and Reza Azmi, "Optimization Approaches in Markov Random Field Model: A Comparative Survey for MR Image Segmentation Case Study", Middle-East Journal of Scientific Research, Vol 7, No 6, pp. 1024-1029, 2011
- Zahedi, Morteza and Alireza Manashty, "robust sign language recognition system using tof depth cameras", WCSIT, Vol 1, No 3, pp. 50-55, 2011
- Zahedi, Morteza and Abolfazl Sarkardei, "using mi method for feature weighting to improve text classification performance", WCSIT, Vol 1, No 3, pp. 92-95, 2011
- Yousefzadeh, Saeideh and Zahedi, Morteza, "Vitality Detection of Synthetic Fingerprints via Power Spectrum", JOURNAL OF COMPUTER SCIENCE AND ENGINEERING, Vol 7, No 2, pp. 78-82, 2011
- Zahedi, Morteza and Yousefi, Sahar, "GENDER RECOGNITION BASED ON SIFT FEATURES", International Journal of Artificial Intelligence & Applications (IJAIA), Vol 2, No 3, pp. 87-94, 2011
- Maliheh Shabanzade1, Morteza Zahedi1 and Seyyed Amin Aghvam, "Combination of Local Descriptors and Global Features for Leaf Recognition", Signal & Image Processing: An International Journal (SIPIJ), Vol 2, No 3, pp. 23-31, 2011
- Kian, Hamze and Zahedi, Morteza, "An Efficient Approach for Keyword Selection; Improving Accessibility of Web Contents by General Search Engines", International Journal of Web & Semantic Technology (IJWesT), Vol 2, No 4, AIRCC, pp. 81-90, 2011
- Zahedi, Morteza and Eslami, Saeideh, "Improvement of Random Forest Classifier through Localization of Persian Handwritten OCR", Int. Conf. on Advances in Information and Communication Technologies 2011, Germany, 2011
- Zahedi, Morteza and Mohsen Ameri, "A New Statistical Approach to Detect Invalid Email Address", World applied Science (WASJ), Vol 10, No 8, pp. 879-885, 2010
- Zahedi, Morteza and Saeideh Eslami, "Farsi/Arabic Optical Font Recognition Using SIFT Features", Procedia Computer Science, Vol 3, Istanbul, Turkey, ScienceDirect, pp. 1055-1059, 2011
- Zahedi, Morteza and Seyed Mahdi Salehi, "License plate recognition system based on SIFT features", Procedia Computer Science, Vol 3, Istanbul, Turkey, ScienceDirect, pp. 998-1002, 2011
- Zahedi, Morteza, Hojat Mashal and Seyed mahdi Salehi, "An Online Community for the Deaf", Procedia Computer Science, Vol 3, Istanbul, Turkey, ScienceDirect, pp. 1089-1093, 2011
- Sahar, Yousefi, Zahedi, Morteza and Reza Azmi, "3D MRI brain segmentation based on MRF and hybrid of SA and IGA", Iranian Conference of Biomedical Engineering, Vol 978, No 1, Isfahan, Iran, IEEE, 2010
- Sahar Yousefi, Reza Azmi and Zahedi, Morteza, "Brain. Tumor Segmentation in 3D MRIs Using an Improved. Markov Random Field Model", ICSIP 2010, چین, IEEE, pp. 382-386, 2010

- Philippe Dreuw, Daniel Stein, Thomas Deselaers, David Rybach, Morteza Zahedi, Jan Bungeroth, and Hermann Ney, "Spoken Language Processing Techniques for Sign Language Recognition and Translation", Technology and Dissability, Netherlands, Amsterdam, 2008
- Morteza Zahedi, Ali Pouyan, and Esmat Hejazi, "A New Statistical Model to Designing a Decision Support System", 10th International Conference on Enterprise Information Systems (ICEIS08), Spain, Barcelona, 2008
- Morteza Zahedi, Hamed Rahimof, and Forough Soleimani, "A Two-level Automatic Help Desk baxsed on a New Statistical Approach", The 3rd International Conference on Internet and Web Applications and Services (ICIW08), IEEE Computer Society Press, 2008
- Philippe Dreuw, David Rybach, Thomas Deselaers, Morteza Zahedi, and Hermann Ney, "Speech Recognition Techniques for a Sign Language Recognition System", Interspeech/ICSLP 2007, ISCA best student paper award Interspeech 2007, Belgium, Antwerp, pp. 2513-2516, 2007
- Jan Bungeroth, Daniel Stein, Philippe Dreuw, Morteza Zahedi, and Hermann Ney, " A German Sign Language Corpus of the Domain Weather Report", LREC 06, The fifth international conference on Language Resources and Evaluation, Italy, Genoa, pp. 2000-2003, 2006
- Morteza Zahedi, Philippe Dreuw, David Rybach, Thomas Deselaers, and Hermann Ney, "Continuous Sign Language Recognition - Approaches from Speech Recognition and Available Data Resources", LREC 06, Workshop on the Representation and Processing of Sign Languages: lexicographic matters and didactic scenarios., Italy, Genoa, pp. 21-24, 2006
- Morteza Zahedi, Philippe Dreuw, David Rybach, Thomas Deselaers, and Hermann Ney, "Using Geometric Features to Improve Continuous Appearance-baxsed Sign Language Recognition", BMVC 06, 17th British Maschine Vision Conference, Vol 3, UK, Edinburgh, pp. 1019-1028, 2006
- Morteza Zahedi, Daniel Keysers, and Hermann Ney, "Appearance-baxsed Recognition of Words in American Sign Language", IbPRIA 2005, 2nd Iberian Conference on Pattern Recognition and Image Analysis, Vol 3522, Portugal, Estoril, LNCS, pp. 511-519, 2005
- Morteza Zahedi, Daniel Keysers, Thomas Deselaers, and Hermann Ney, "Combination of Tangent Distance and Image Distortion for Appearance-baxsed Sign Language Recognition", DAGM 2005, Pattern Recognition, 27th DAGM Symposium, Vol 3663, Austria, Vienna, LNCS, pp. 401-408, 2005
- Morteza Zahedi, Daniel Keysers, and Hermann Ney, "Pronunciation Clustering and Modeling of Variability for Appearance-baxsed Sign Language Recognition", GW 2005, 6th International Workshop on Gesture in Human-Computer Interaction and Simulation, Vol 3881, France, Vannes, LNAI, Lecture Notes in Artificial Intelligence, pp. 68-79, 2005
- Morteza Zahedi, Daniel Keysers, and Hermann Ney, "Appearance-baxsed Recognition of Signs in American Sign Language", 5th Sign Language Workshop of the RWTH Aachen University, Germany, Aachen, 2004
- Morteza Zahedi, Kambiz Badie, and Caro Lucas, "Application of Multi- laxyer Perceptron to Identification of KASREH- Inducing Words in Persian Texts", Irano-

- Armenian Workshop on Scientific and Industrial Applications of Neural Networks, Armenia, 1998
- Morteza Zahedi, Kambiz Badie, and Caro Lucas, "Using a Multiple Multi- laxyer Perceptron Environment to Determine the Connection Weights in a Fuzzy Network", Irano- Armenian Workshop on Scientific and Industrial Applications of Neural Networks, Armenia, 1998
- Zahedi, Morteza, and Sied-Mehdi Fakhraei, "Implementation of Neural Networks on Parallel Processors", Computer Conference of Iranian Students, Tehran, Amirkabir University of Technology (Tehran Polytechnic), 1997
- Morteza Zahedi, and Caro Lucus, "Interpolation of Fuzzy Points in XY Spaces", Soft Computing and Control Symposium, Tehran, Sharif University of Technology, 1997
- Morteza Zahedi, and Caro Lucus, "Automatic Classification with Simulated Annealing", Soft Computing and Control Symposium, Tehran, Sharif University of Technology, 1997
- Morteza Zahedi, and Mehdi Shajari, "Wireless Networks", Amirkabir University of Technology (Tehran Polytechnic), 1996
- Morteza Zahedi, and Mehdi Shajari, "FDDI", Amirkabir University of Technology (Tehran Polytechnic), 1996

### سوابق اجرایی و مدیریتی:

- ۱- رئیس اداره آمار، اطلاعات و کامپیوتر دانشگاه آزاد واحد شاهرود، از سال ۱۳۷۷ تا ۱۳۸۱
  - ۲- رئیس اداره خدمات ماشینی دانشگاه صنعتی شاهرود، از سال ۱۳۷۸ تا ۱۳۸۲
- ۳- مدیرگروه در دانشکده مهندسی کامپیوتر و فناوری اطلاعات در دانشگاه صنعتی شاهرود از سال ۱۳۸۹ تا ۱۳۹۰
  - ۴- مدیرگروه در واحد علوم و تحقیقات دانشگاه آزاد اسلامی واحد شاهرود از سال ۱۳۹۰ تا ۱۳۹۱
- ۵- معاون آموزشی و پژوهشی دانشکده مهندسی کامپیوتر و فناوری اطلاعات در دانشگاه صنعتی شاهرود از سال ۱۳۹۱ تا ۱۳۹۳
  - ۶- مشاور رئیس دانشگاه علوم پزشکی گلستان و قائم مقام وزیر بهداشت از ۱۳۹۰ تا ۱۳۹۲
    - ۷- رئیس مرکز آموزشهای الکترونیکی دانشگاه صنعتی شاهرود از ۱۳۹۱ تا کنون
      - ۸- رئیس پردیس بین الملل دانشگاه صنعتی شاهرود از سال ۱۳۹۲ تاکنون