

Curriculum Vita

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Summary

Habibollah Asghari,

Work place Address:

Research Institute for Information and Communication Technology,
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Personal Data

- Place of Birth: Tehran, Iran
- Health: Excellent
- Marital Status: Married

Research interests

- Computer Science and Information Technology.
- Text Mining, Recommender Systems, Pattern Recognition and Classification
- Technology Management, Operational models of Science Parks and Tech-Biz Incubators.

Education

- Feb. 2012-Present
PhD Candidate in Computer Engineering, Department of ECE, School of Engineering, University of Tehran, Iran.

Ph.D. Thesis: Cross-lingual Plagiarism Detection in Compositional Translation.
- Sept. 1993
M.Sc. In Electrical Engineering (Electronics), Khajeh Nassir Toosi University of Technology, Tehran, Iran.

M.Sc. Thesis: Speaker Recognition; Investigating various features and classification schemes that is proved to be efficient in identifying speakers by their voices. In the simulation phase, the capability of Line Spectrum Pair Frequencies (LSP's) in speaker identification based on a database collected from 30 male speakers was examined.
- June. 1989
B.Sc. In Electrical Engineering (Electronics), Kajej Nassir Toosi University of Technology, Tehran, Iran.

Fourth Year Project Topic: Design And Implementation of a 48-Channel Remote Control system. This system works on VHF band using M-ARRAY FSK-ASK coding scheme. Each station has seven different tasks, which is selected by proper coded commands from central station. The worst case in this system, under noisy channel is that the side stations do not do anything when an error encounters. Detection of commands is done using Phase Locked Loops

Positions Taken

- Director, ICT Research Institute, ACECR (2008- present)
- Founder and Director, Rooyesh ICT incubator (2002- present)
- Deputy for Technology, Occupation Cooperation Organization for Academic Graduates (2000-2002)
- Technical deputy for IT strategic plan, Majlis Research Center, Islamic Republic of Iran Parliament (1998-1999)
- Member of steering committee, Supreme Council of ICT, for the public private partnership program to

- support SMEs in ICT Sector (2003-2004)
- Secretariat of ICT steering committee in ACECR (2000-present)
- Executive chair, UNDP program workshops “IT for Sustainable Human Development”
- Executive chair, The First Conference on The Role of IT in Employment, January, 2001, Tehran, Iran
- Executive chair, The First Conference on The Role of Labor Information Systems in Employment, 20-21 May 2003, Tehran, Iran
- Executive chair, The First Conference on M-Government, 29-30 December, 2009, Mashad, Iran
- Executive chair, The Second Conference on E-City, 24-25 May 2009, Tehran, Iran
- Consultant, Deputy for Research and International affairs, Ministry of ICT (Feb 2010-March 2011)
- Director General, Iranian Scientific Association for STPs and Incubators (STPIA) (Nov 2012 - Nov 2015)
- General Manager of Informatics in ACECR (1998-2000)
- Member of the Council of Informatics, I.R.Iran Parliament (1995-1998)

Memberships

- Member of the Jury Board, Sheikh Bahaei Technopreneurship Award (August 2007 - April 2013)
- Member of the Jury Board in STPs, Deputy for Science and Technology, MSRT (March 2003 - Oct 2014)
- Member of Technology Council, Kermanshah Science and Technology Park (Nov 2009-Present)
- Member of Technology Council, Alborz Science and Technology Park (April 2010- Present)
- Member of the board, Khaje Nasir University of Technology Incubator (March 2011 – Present)

Experiences

Projects and Programs involved

- Supreme Council of free zones: Information Technology Development in Iran free zones,
- Management and Planning Organization: Public Private Partnership program for SMEs’ in ICT sector;
- IR Iran’s parliament: Development the ICT action plan
- IR Iran’s parliament: Campus Area Network Design
- ACECR: Design and implementation a Wide Area Network in ACECR branches all over Iran
- Ministry of ICT: The Master Plan for Human Resource Development in ICT sector
- Center of Regulatory Authority: Design the Competency Model for CRA HR development
- Center of Regulatory Authority: Design and Deployment of a ratification Universal Service Obligation (USO) for Mobile and fixed phone Operators in ICT sector in Iran

International Projects involved:

- Worldbank Program: Enhancement of Incubators value added services to serve incubatees and SMEs’ across Iran, infoDev, (2003-2005)
- Japan International Cooperation Agency (JICA): Comprehensive Educational program for Iranian workforce through Development of E-Learning Contents (April 2015-present)

Teaching Experience

- Electronics Circuits
- Internet Engineering
- Computer Networks
- Information Systems
- Logic Circuits
- Logic lab
- Electronics lab
- Electric circuits lab
- About 62 BSC fulfillment projects supervised
- Dean of ICT & Electrical Engineering Department, University of Science and Culture (2006-2008)

Experience in Computer Software:

- Design and Development of a software system for all Iran’s laws and regulations, “Lowh-e-Ghanoon”
- Design and Development of a software system for legislation in IR Iran’s Parliament.
- Designing and developing of a web based E-recruitment system (www.jobiran.com)
- Design and development of a software for monitoring all the responses of patients in ICU section in hospitals.
- Center for Governmental Studies: Design and development a software for gross governmental indices.

Lectures and workshops taken:

[1] Asghari, Habibollah, "**Cluster Servers, Going Toward Zero Downtime**", Presented at the second OANA-FANA workshop on Modern Communications Technology, August 25-31, 2001, hosted by School of Media Studies, Islamic Republic News Agency (IRNA), Tehran, IRAN (OANA-FANA is the Organization of Asia-Pacific News Agencies, and Federation of Arab News Agencies)

[2] Asghari, Habibollah, "**Financial Aid Support Program for SME's in ICT sector, Lessons from a pilot plan in Iran**", The workshop on Promoting Innovation and Entrepreneurship in The Middle East and North Africa: Strategies and Partnerships, January 31 to February 3, 2006, Casablanca Technopark, Casablanca, Morocco

[3] Asghari, Habibollah, "**Challenges of Business Incubation in Iran**", 4th MENAinc Workshop on Business incubation in Middle East and North Africa; Building Capacity and Raising Awareness for Innovation and Entrepreneurship", May 22 - 24, 2007, Elgazala Technopark, Tunisia, Tunis

[4] Asghari, Habibollah, "**The Role of Hybrid Organizations in Innovation Support; An Iranian Experience**", 5th MENAinc Workshop, Regional Collaboration for Entrepreneurship Development in MENA countries, Shaping the Future through Innovation and Entrepreneurship", 21-25 October 2007, Bahrain Business Incubation Center, Manama, Bahrain

[5] Asghari, Habibollah, "**Incubators Establishment and Operation Policy Framework in Iran; Rules and Regulations**", 6th MENAinc Workshop, Entrepreneurship Development and Promotion of Innovation in MENA Countries through Cooperation between Business Incubators, Hosted by Syria ICT Incubator, 3-5 June 2008, Damascus University, Damascus, Syria

[6] M. K. Eghbal, H. Asghari, M. Zeinoddin "**Training as a Key Factor in Incubation Process for Developing Countries**", International Conference on Business Incubation; Creating and Innovation Economy Through Entrepreneurs and Incubation (ISBA 2009), Organized by: TREC-STEP & Indian STEPs and Business Incubators Association, 29 - 31 January, 2009, Chennai, India

[7] Eghbal, M.K., Najafpooshani, A., Asghari, H., Fathi Saffar, A., "**Science and Technology Parks and Incubators to Promote University-Industry Collaboration in Iran**" 2010Unesco-WTA International Training Workshop on Science Parks and Technology Business Incubators; Triple Helix Model of Innovation, Government-Academia-Business Cooperation, 3-6 November 2010, Daedeok Innopolis, Daejeon, Korea.

[8] Asghari, Habibollah., **Development of Cultural and Creative Industries in Iran: Prospects of an Organizational Movement**, IASP 2016, Moscow, Russia, Science parks, areas of innovation and the city

Publications:

[1] Aref, M.R., and Asghari, H., "**The Use Of Line Spectral Pair Frequencies In Speaker Recognition**," ICSPAT' 93, The International Conference on Signal Processing and Applications Technology, 28 September- 1 October 1993, Santa Clara, California, U.S.A.

[2] Asghari, H., and Aref, M.R., "**Speaker Identification Based on Instantaneous and Transitional LSP Frequencies**," ICT' 94, The International Conference on Telecommunications, Held by Kings College London and IEEE Region 8, 10-12 January 1994, Dubai, U.A.E.

[3] Asghari, H., and Aref, M.R., "**A Vector Quantization Approach To Speaker Recognition**," ICEE'73, The Second Iranian Conference On Electrical Engineering held in Tehran, 17-20 May 1994, Tehran, Iran.

[4] Asghari, H., and Aref, M.R., "**A Feasibility Study nn Applying Syllables As Basic Structures In Persian Speech Synthesis**," ICT' 95, The International Conference on Telecommunications (IEEE Region 8) Held in Bali, 3-5 April 1995, Bali, Indonesia.

[5] Asghari, H., Rezaee , H., Sedghi, S., "**Networking of Incubation Centers In Iran, Concepts and a Practical approach**", IASP Asia Divisions Conference, 10th ASPA Annual Conference and 3rd Iranian National Conference on Science and Technology Parks, 16-19 september 2006, Isfahan, Iran

[6] Asghari, H., Keshmiri, M., Sadigh, M. J., "**A Public Private Partnership Approach to Support SME's In ICT Sector In Iran**," IASP Asia Divisions Conference, 10th ASPA Annual Conference and 3rd Iranian National Conference on Science and Technology Parks, 16-19 September 2006, Isfahan, Iran

[7] Parhizkar, M., Asghari, H., Oghabian, A., and Maddah, M., "**A Conceptual Model for Job Analysis of Incubators' Managers based on ONET Model**", XXV IASP World Conference 2008, The role of Science Parks in accelerating knowledge economy growth - contrasts between emerging and more developed economies, 14-17

September 2008, Johannesburg, South Africa.

[8] Hashemi, H., Asghari, H., “**The Role of Technological Entrepreneurs in Technology Transfer Process as Intelligent carriers,**” IASP Asia Divisions Conference, 10th ASPA Annual Conference and 3rd Iranian National Conference on Science and Technology Parks, 16-19 September 2006, Isfahan, Iran

[9] Mohammadian, I., Maddah, M., Zarrabi, V., and Asghari, H. “**A Conceptual Model for Human Resource Development and Training in ICT Sector based on Porter Value Chain Template: Case Study in Iran**”, 10th International Conference on Human Resource Development Research and Practice across Europe, 10th-12th June 2009, Newcastle, UK.

[10] Fathi, A., and Asghari, H. “**The Interaction between STPs / Incubators and Their Host Organizations**” 2009 ASPA / IASP Joint Conference on Science and Technology Parks, New Challenge- New World; How Science Parks Help in Time of Crisis, 25-27 November 2009 Hsinchu Science Park, Hsinchu, Taiwan

[11] Asghari, H., Fathi, A and Eghbal, M.K., “**National Growth Hub; An Approach for National Collaboration Among STPs/Incubators in Iran**” XXVII IASP World Conference 2010; Global Green Growth (G3): Challenges and Opportunities for Science and Technology Parks, 23-26 May 2010, Daedeok Innopolis, Daejeon, KOREA.

[12] Darzi, M., Manesh, Z., Liaei, A., Hosseini, M. and Asghari, H., “**FCRS: A Fuzzy Case Based Recommender System for SMEs**” International Conference on Education and Information Technology (ICEIT 2010), 17-19 September 2010, Chongqing, China, IEEE catalog number CFP1063K-PRT

[13] Khatibian, N., and Asghari, H. “**A Study on ESCAP Strategic Programs for ICT Development in Asia-Pacific Countries,**” The International Conference on the Role of IT for Employment, 18-19 May 2001, Tehran, Iran (in Persian)

[14] Maleki, E., and Asghari, H. “**Information Technology as an Infrastructure for Full Employment,**” The International Conference on the Role of IT for Employment, 18-19 May 2001, Tehran, Iran (in Persian)

[15] Sedghi, S., and Asghari, H. “**Tele-working; New Challenges for Employment,**” The International Conference on the Role of IT for Employment, 18-19 May 2001, Tehran, Iran (in Persian)

[16] Maleki, E., and Asghari, H. “**New Methods in Electronic Recruitment,**” The Conference on The Role of Labor Information Systems in Employment, 20-21 May 2003, Tehran , Iran (in Persian)

[17] Esbati, Z., and Asghari, H., “**The Application of TAP Test for Selecting and Recruiting IT Specialists**” The Conference on the Role of Labor Information Systems in Employment, 20-21 May 2003, Tehran , Iran (in Persian)

[18] Esbati, Z., and Asghari, H., “**The Use of Psychological Tests for Filtering in Human Resource Employment**” The Conference on the Role of Labor Information Systems in Employment, 20-21 May 2003, Tehran , Iran (in Persian)

[19] Sedghi, S., Asghari, H., and Mahdi Rezaee, Hosein “**Concepts and Practical Methods for Networking of Incubators in Iran,**” The Second National Conference on Science and Technology Parks and Incubators, 2-4 March 2004, Mashad, Iran (in Persian)

[20] Hashemi, H., Asghari, H., “**The Role of Science and Technology Parks as Community of Practice in Developing the Collaboration of Industry and Academia**” 9th Regional Seminar, 3rd International Congress and 10th national Congress of government, Industry and university for National Development, November 2, 2006, Tehran, Iran

[21] Darzi, M., Asghari, H. and Szelc Andrzej Stanislaw “**The Analysis of Item-Based Collaborative Filtering Algorithms in offering Services to E-Citizens**”, The First International Conference on E-City, 24-25 May 2009, Milad International Conference Hall, Tehran, Iran (in Persian)

[22] Moradimanesh, Z., Darzi, M., and Asghari, H. “**Investigation and Analysis of Main Factors in Designing Recommender Systems**”, The second International Conference on E-City, 24-25 May 2009, Milad International Conference Hall, Tehran, Iran (in Persian)

[23] Mohammadian,I; Asghari,h, “**Evaluation of Different Models of Incubators**”, ROSHD-E_FANAVARI, Quarterly Journal of Science parks and incubators, Tehran, April 2006. (in Persian)

[24] Hashemi, H., Asghari, H., “**The Role of Science and Technology Parks as Community of Practice in Developing the Collaboration of Industry and Academia**” TOULID_E_ELM, Scientific Journal of Science Dissemination, Vol. 2., No. 4., Spring 2007 (in Persian)

- [25] Darzi, M., Hoseini, M., Liaei, A., Asghari, H. and Moradimanesh, Z. “**Design of a Hybrid Recommender System for training Courses Based on CBS and Fuzzy System**”, Scientific Journal Education Technology, to be printed in March 2011, Tehran, Iran (in Persian)
- [26] Asghari, Habibollah, Maleki, Jalal and Faili, Hesham. "A Probabilistic Approach to Persian Ezafe Recognition." 14th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2014): 138. 26–30 April 2014, Gothenburg, Sweden.
- [27] Sato, Chi, and Asghari, Habibollah, “**Achieving Regional Innovation Development and UIG Linkage in Japan: A Case Study in Toyohashi Region**”, 31th IASP world conference, (IASP 2014), 19-22 October 2014, Doha, Qatar.
- [28] Zarrabi, Vahid, Asghari, Habibollah, and Taghipour, Mohammad, “**Core Competencies for Science and Technology Park Managers based on experiences and context necessities**”, 18th annual ASPA Conference (ASPA 2014), 15-18 October 2014, Shiraz, I.R. Iran.
- [29] Taghipour, Mohammad, Asghari, Habibollah, and Zarrabi, Vahid, “**Evaluating Performance of STPs & Incubators’ Using EFQM Excellence Model: Addressing the Challenges and Barriers**”, 18th annual ASPA Conference (ASPA 2014), 15-18 October 2014, Shiraz, I.R. Iran.
- [30] Hasanzadeh, Mohammad, Hamidi, Hossein, and Asghari, Habibollah, “**Plaintext Transmission over Session Initiation Protocol**”, Seventh International Symposium on Telecommunications (IST2014), 9-11 September 2014, Tehran, Iran.
- [31] Khadijeh Khoshnavataher, Vahid Zarrabi, Salar Mohtaj, Habibollah Asghari “**Developing Monolingual Persian Corpus for Extrinsic Plagiarism Detection Using Artificial Obfuscation**” Notebook for PAN at CLEF 2015.
- [32] Habibollah Asghari, Khadijeh Khoshnava, Omid Fatemi, Hesham Faili: **Developing Bilingual Plagiarism Detection Corpus Using Sentence Aligned Parallel Corpus**: Notebook for PAN at CLEF 2015.
- [33] Javad Rafiei, Salar Mohtaj, Vahid Zarrabi, Habibollah Asghari: **Source Retrieval Plagiarism Detection based on Weighted Noun phrase and Key phrase Extraction**. CLEF 2015.
- [34] Vahid Zarrabi, Javad Rafiei, Khadijeh Khoshnava, Habibollah Asghari, Salar Mohtaj: “**Evaluation of Text Reuse Corpora for Text Alignment Task of plagiarism Detection**”. CLEF 2015
- [35] Salar Mohtaj, Habibollah Asghari, Vahid Zarrabi: “**Developing Monolingual English Corpus for Plagiarism Detection using Human Annotated Paraphrase Corpus**. CLEF 2015
- [36] Asghari, H., Mohtaj, S., Faili, H., Rosso, P. and Potthast, M., “**Algorithms and Corpora for Persian Plagiarism Detection**”, Springer Text Processing: FIRE 2016, December 7–10, 2016, Revised Selected Papers.

Books and Journals:

- Manager-in-Charge, “**Roshd-e-Fanavari**”, Scientific Quarterly Journal of Science Parks and Technology Incubators. (Journal, in Persian).
- Manager-in-Charge, “**Journal of Information Systems and Telecommunications**”, Scientific Quarterly Journal of information and communication technology. (Journal, in English).
- Oghabian, Ali, and Asghari, Habibollah, “**Data Centers; Concepts and Applications**”, ACECR Publishing Center, April 2008, Tehran, Iran (Book, In Persian).
- Darzi, M, Moradimanesh, Z., and Asghari, H., “**An Introduction to Recommender Systems**” ISBA Publishing Agency, March 2011 (Book, in Persian).
- Asghari, Habibollah., “**Technology Incubation; Sharing International Experiences**” ISBA Publishing Agency, November 2011 (Book, in English).
- Asghari Habibollah and Rezaei Shahbaz, “**IP Version 6.0 and its Transformation Mechanisms**”, Shaparak Publishing Center, November 2015, Tehran, Iran, ISBN: 978-600-8039-30-3 (Book, In Persian).