

Dr. Ali Pazahr (Academic CV)

Faculty member and Assistant Professor

Islamic Azad University (IAU), Ahvaz Branch, Ahvaz, Iran

Birth Date: April 19, 1980
Current Location: Ahvaz, Iran
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Education:

2011 – 2017: [PhD](#), Information Technology at University of Valencia, Valencia, Spain. Evaluation: Excellent.

2006 - 2008: Master of Information Technology Engineering (E-Commerce) at Shiraz University, Shiraz, Iran.

GPA: 17.24 / 20

1999 - 2003: Bachelor of Software Engineering at Shahid Chamran University (former Jondi Shapoor University), Ahvaz, Iran.

GPA: 15.60 / 20

1994 - 1998: High School diploma majoring mathematics at “NODET (National Organization of Developing Exceptional Talents) High School”, Ahvaz, Iran. GPA: 18.38 / 20

1993: Top Student in the third year of guidance school, GPA: 19.29 / 20

Certification:

Jun. 2016: Participated in International Mentor Program (IMP), a network of international talents and mentors, Main core: Boston, Massachusetts, USA

Jun. 2015: A training course about introduction to statistics and SPSS, 14 June 2015, IAU University Ahvaz Branch, Ahvaz, Iran.

Sep. 2013: An attendee to the Conference and Labs of the Evaluation Forum Information Access Evaluation meets Multilinguality, Multimodality, and Visualization (CLEF 2013) 23 - 26 September 2013, Valencia - Spain

Jul. 2001: A certification of computer school Educational Administration from Iran Technical & Vocational Training Organization

Lectures:

Dec. 2020: Basics of E-commerce website development, IAU University Ahvaz Branch, Ahvaz, Iran.

Dec. 2019: Recommender systems and its role in business development, IAU University Ahvaz Branch, Ahvaz, Iran.

Dec. 2016: An access control model for multimedia contents in social networks, IAU University Ahvaz Branch, Ahvaz, Iran.

May. 2016: Multimedia and its impact on e-business, IAU University Ahvaz Branch, Ahvaz, Iran.

Dec. 2015: E-Commerce, IAU University Ahvaz Branch, Ahvaz, Iran.

May. 2015: Web 3.0, IAU University Ahvaz Branch, Ahvaz, Iran.

Research Visits:

Jan. 2014 – Feb 2014: Multimedia Information System research group, University of Vienna, Austria.

Dec. 2013 – Jan. 2014: [Data and Web Science](#) research group, University of Mannheim, Germany.

Thesis Research:

Oct. 2011 – Sep. 2017: *PhD Thesis* on “Semantically-enhanced Advertisement Recommendation Systems in Social Networks”.

Case study: A music recommendation system using a dataset crawled from Last.fm.

Oct. 2008 – Sep. 2008: M.S. Thesis on “Study and Designing of Security Architecture of CRM Systems in Electronic Banking”

Oct. 2002 - Jul. 2003: B.S. Thesis on “Designing and Implementing of an Electronic Shop”.

Master Thesis Supervision:

- Fariborz Moti, “Improving the accuracy of recommender systems using the combination of K-means and differential evolution algorithms”, IAU University, Ahvaz branch, Ahvaz, Iran.

- Mohammad Hamidi, “To Provide a Composed algorithm from PSO, GSA and Neural Network Algorithms in Order to increase the accuracy of Recommender Systems”, IAU University, Ahvaz branch, Ahvaz, Iran.

- Majid Khanifar, “Designing a course recommender system for postgraduate candidates based on gender, interests, job satisfaction and test points using Bayes classifier and a hybrid method of collaborative filtering and content-based filtering”, IAU University, Ahvaz branch, Ahvaz, Iran.

- Mehdi Mehdipoor, “To provide a method for increasing the accuracy of Recommender Systems using Frog and K-means algorithms”, IAU University, Ahvaz branch, Ahvaz, Iran.

- Ferdos Sayahi, "Presenting a method for improving the accuracy of hybrid recommender systems in social networks using a clustering technique", IAU University, Ahvaz branch, Ahvaz, Iran.
- Asmaossadat Tabatabaei, "To propose a hybrid method including the SOM Self-organizing Neural Network and the Ant Colony algorithms in order to increase the accuracy of the Recommender Systems", IAU University, Ahvaz branch, Ahvaz, Iran.
- Fatemeh Khan zadeh, "Providing a video recommendation system based on improved artificial bee colony algorithm using the gray wolf algorithm", IAU University, Ahvaz branch, Ahvaz, Iran.
- Marzieh Nabavi, "To provide a New Approach based on PSO and Genetic Algorithms and Fuzzy Logic in the Direction of Routing between two nodes in vehicle adhoc Networks", IAU University, Ahvaz branch, Ahvaz, Iran.

Teaching Experience:

Feb. 2009 – Jul. 2020: "English for the students of Computer Science", "Programming Fundamentals", "Advanced Programming", "Multimedia Systems", "Web Based Programming", "Computer Network Concepts", "Data structures and algorithms", "Discrete mathematics", "Computer architecture", "Database Concepts", "Advanced Database", "Operating Systems", "Data Quality Assessment", Department of Computer Engineering, Islamic Azad University, Ahvaz branch, Ahvaz, Iran

Feb. 2018 – Jul. 2020: "Web Portals", "Theoretical and philosophical foundations of information systems", "Fundamentals and infrastructure of information technology", "Information resource management", "Database management systems", "IT project management", "Business intelligence", "Measuring data quality", Department of IT management, Islamic Azad University, Science and Research branch, Ahvaz, Iran.

Feb. 2020 – Jul. 2020: "Operating systems", "Database concepts" for international students (Taught courses in **English**), Islamic Azad University, Ahvaz branch, Ahvaz, Iran.

Sep. 2019: "Penetration to operating systems and the ways to prevent it", Islamic Azad University, Ahvaz branch, Ahvaz, Iran

Oct. 2018 – Sep. 2020: "Web based programming", Department of Health Information Systems, Ahvaz Jundi Shapoor Medical Sciences University, Ahvaz, Iran

Aug. 2018 – Feb. 2019: "CIW course, web design and development", Paniz Education Center, Ahvaz, Iran

Feb. 2018 – Jul. 2018: "Fundamentals of Programming" and "E-Commerce" at Shahid Chamran University, Ahvaz, Iran

Feb. 2014 – Jul. 2014: "Fundamentals of Software Design" and "Fundamentals of Algorithm Design" at Shahid Chamran University, Ahvaz, Iran

Feb. 2013 – Jul. 2013: "Installing and Configuring Computer Networks", "Network Operating System" at IAU University, Ramhormoz, Iran

Oct. 2009 – Jul. 2010: "Web Based Programming", "Multimedia" at Khuzestan water and power technical Institute, Ahvaz, Iran

Sep. 2009 – Oct. 2009: "Adobe Photoshop", "Khuzestan Steel Company", Ahvaz, Iran

Oct. 2008 – Feb. 2009: "Operating Systems", "Multimedia" at IAU University, Shoushtar, Iran

Feb. 2008 – Jan. 2009: "Web Based Programming", "Multimedia Systems", "Visual Programming" at IAU University, Izeh, Iran

Feb. 2009 – Jul. 2009: "Operating Systems", "Multimedia Systems" at IAU University, Dezful, Iran

Feb. 2009 – Jul. 2009: "Database Concepts", "Storage and Retrieval of Information" at IAU University, Omidieh, Iran

Oct. 2007 – Jul. 2008: "Programming Fundamentals" at Payam Noor University, Ahvaz, Iran

Feb. 2004 – Jul. 2006, Oct. 2008 – Jul. 2009, Feb. 2017 – Jul. 2017: "Computer Lab", "Specific Topics in Computer science", "Multimedia Systems", "Web Based Programming", "Programming Fundamentals", "IT Fundamentals" at university of Applied science and Technology, Ahvaz, Iran

Feb. 2001 – Jul. 2001: "Computer Graphics" at Technical school of Chamran, Ahvaz, Iran

Sep. 2001 – Mar. 2015 (Afternoon): Computer School Educational Administrator at the schools: Nika (2001-2002), Tandis Rayaneh (2003-2013), Bahare Danesh (2014-2015), Ahvaz, Iran

Honor:

Applied Patent: A framework of two-step authentication for increasing the security level of social network users. State organization for registration of deeds and properties, Iran. Declaration number: 139250140003002349, Jul. 2013.

Book:

Ali Pazahr, "[Introduction to Multimedia Systems](#)", ISBN: 978-964-04-4163-3, Sep. 2009.

Approved Research Plan:

Ali Pazahr, "Residue Number System Security Test in Communication Networks", IAU University, Sep. 2011.

Papers:

Oct. 2020: A. Pazahr, "Increasing the Accuracy of Recommender Systems Using the Combination of K-Means and Differential Evolution Algorithms", [Journal of Advances in Computer Research](#), Vol 11, No 5, 2020.

Apr. 2020: A. Pazahr, J.Javier Samper-Zapater, Francisco García-Sánchez, “An efficient hybrid recommender system framework using semantic technology for social networks”, Journal of [Revista INGENIERÍA UC](#), Vol 27, No 1, 2020.

Jan. 2020: A. Jamshidnezhad, Z. Koohmarch, A. Pazahr, “Consideration of Intelligent Applications to Support Diabetic Patients: A Scoping Review for Nutrition Mobile Phone Apps”, Journal of [Contemporary Medical Sciences](#), Vol 6, No 1, 2020.

Nov. 2016: A. Pazahr, J.Javier Samper-Zapater, Francisco García-Sánchez, Carmen Botella, Rafael Martinez, “Semantically-enhanced advertisement recommender systems in social networks”, in the 18th International Conference on Information Integration and Web-based Applications & Services ([iiWAS2016](#)), Singapore, Published in [ACM](#), 2016.

Nov. 2016: A. Pazahr, J.Javier Samper-Zapater, Francisco García-Sánchez, Parisa Ganjeh, Carmen Botella, “A two layered security model for accessing the multimedia contents in social networks”, in the 14th International Conference on Advances in Mobile Computing & Multimedia ([MoMM2016](#)), Singapore Published in [ACM](#), 2016.

Jul. 2016: A. Pazahr, “[An access control architecture for a web information system](#)”, in International Journal of Novel Computer Science and Power Solutions ([IJNCSPS](#)), Volume 1. No.1, Ahvaz, Iran.

Aug. 2013: A. Pazahr, "[Fault-Tolerant and Information security in Networks using Multi-level Redundant Residue Number System](#)", Research Journal of Recent Sciences, Indore, India.

Editorial Board Member and Reviewer:

- The Computer Journal, [Oxford University Press](#), Manchester University, UK
- International Journal of Novel Computer Science and Power Solutions ([IJNCSPS](#)), Ahvaz, Iran.
- 4th International Conference on Technologies and Innovation ([CITI2018](#)), Guayaquil, Ecuador.
- The Journal of Medical Internet Research ([JMIR](#)), Toronto, Canada

Institutional Experiences:

2009 – 2016: A member of Iranian Electronic Commerce Association, Iran.

2009 – 2016: A member of Iranian Society of Information Technology, Iran.

IT Skills:

- Software development (Languages: C#, Pascal, C, C++, Basic, HTML, SQL, Java, JavaScript, XML)
- Network Administration
- Network Security (including penetration test skills)
- Strong analytical skills and problem solving
- Multimedia development (including video capture, edit, teaser production, and customized software applications)
- Graphic design (Adobe Photoshop) and Animation design (Autodesk 3ds MAX)
- Microsoft Office

English Language Proficiency Level:

Fluent in Speaking, Writing, Reading, and Listening

Other Languages:

Persian (Native) – French (Advanced) – Arabic (Beginner) – Spanish (Beginner)

Research Interests:

Recommender systems, Information Security, Multimedia Systems, Software Development

References:

- Dr. Jose Javier Samper Zapater, jsamper@irtic.uv.es, +34963543567
- Dr. Francisco Garcia-Sanchez, frgarcia@um.es, +34868888107
- Dr. Mohammad Javad Rashti, mohammad.rashti@scu.ac.ir, +98-61-33330010 - 20 - Ext:5729