



MORTEZA ZAHEDI

Assistant Professor

PROFILE

I am an accomplished professional with expertise in management, lecturing, and software engineering. With a strong background in these fields, I possess a comprehensive understanding of effective management principles, instructional methodologies, and software development practices. My proven track record includes successful project management, delivering impactful teaching experiences, and developing innovative software solutions. With a passion for continuous learning and a results-oriented mindset, I strive to bring my diverse skill set and knowledge to drive success and make a meaningful impact in every endeavor.

CONTACT

PHONE:
+98 912 773 8637

EMAIL:
zahedi@porsaj.com

HOBBIES

Programming
Travelling
Gardening
Sport
Poem

LANGUAGES

Persian (native)
English (advanced)
German (Intermediate)
Turkish (basic)
Arabic (basic)

EDUCATION

RWTH-Aachen University

2003 – 2007, Aachen, Germany.
Dr. rer. nat. in Pattern Recognition

Tehran University

1996 – 1998, Tehran, Iran.
MSc in Artificial Intelligence

AmirKabir University of Technology (Tehran Polytechnic)

1992 – 1996, Tehran, Iran.
BSc in Computer Engineering

WORK EXPERIENCE

Shahrood University of Technology

1998–2003 and 2007–2024
Assistant Professor, Head of E-learning Department, Head of Computer Center

RWTH-Aachen University

2003–2007
Research Assistant and PhD Student

Porsaj Finance Academy Startup Project

2021–2024
Founder

Golestan Medical University

2010–2012
Consultant and Head of Information Technology Office

Information and Communication Treasure Company

2005–2024
Consultant and Project Manager

SKILLS

Programming and Software Engineering

Full-stack developer; MQL4, C++, PHP, Perl, Python, HTML, JavaScript, Ajax, ...

Financial Analysis

Forex, Stock Market, Crypto Currencies, MetaTrader

Market Analysis

Customer Relationship Management, Customer Analysis, B2C, B2B

Teaching and Lecturing

Expert in Teaching and Developing Educational Systems for Various Subjects

Management Skills

Expert in Conceptual Thinking, Collaborative Skills, Negotiation and Problem Solving

COURSES TAUGHT

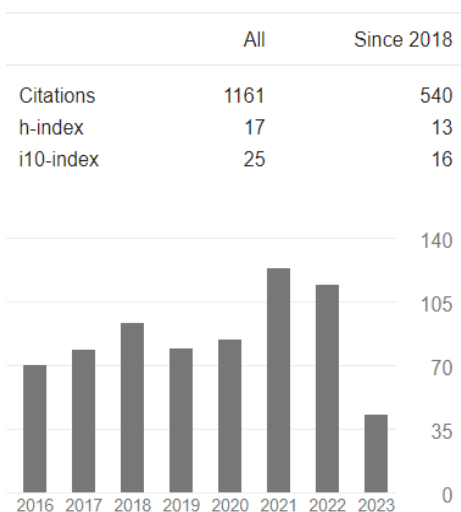
• BSc Courses:

- Computer Programming
- E-commerce
- Man-Machine Interaction
- Discrete Mathematics
- Data Structures and Algorithms
- Computer Networks
- Numerical Analysis
- Web Engineering
- Relational Databases

• MSc and PhD Courses:

- Pattern Recognition
- Fuzzy Systems
- Chaos Theory
- Machine Vision
- Human Language Technology
- Text Processing

CITATIONS:



• Complete List of Publications

SUPERVISION OF PHD THESES

- Maryam Jalali, "Sentiment analysis based on algebraic equations", 2022.
- Reza Javadzadeh, "Improving sentence similarity measures using statistical approaches and WordNet-based metrics", 2021.
- Amin Ghazi Zahedi, "Modelling unseen phrases for key phrase extraction", 2021.
- Hamed Zargari, "Designing an English sentimental dictionary with the ability to use consecutive intensifiers and negative words", 2021.
- Samira Hourali, "A deep learning-based model for coreference resolution of noun phrases", 2020.
- Iman Firouzian, "A probabilistic framework to control time of events across business processes with shared resources", 2019.
- Mohamad Abdolahi, "A new model for text coherence evaluation using statistical characteristics", 2019.
- Jalil Ghavidel Neycharan, "Persian natural scene text localization using meta-heuristic search method", 2019.
- Mohammad Mehdi Hosseini, "A statistical model for evaluation of interactive question answering systems", 2018.
- Tahereh Koochi, "Process simplification by statistical analysis of similar workflows", 2018.
- Mehdi Yaghoubi, "A statistical process-aware model for workload balancing based on reinforcement learning", 2017.
- Marziea Rahimi, "Probabilistic topic modeling: incorporating spatial context", 2017.

SOME PUBLICATIONS

[A concept for weighting sentiment phrase using deterministic solution of algebraic equations](#)

M Jalali, M Zahedi, A Basiri, Turkish Journal of Electrical Engineering and Computer Sciences 30 (5), 2022.

[A deep extraction model for an unseen key phrase detection](#)

A Ghazi Zahedi, M Zahedi, M Fateh, Soft Computing 24, 2020.

[A Probabilistic Topic Model based on an Arbitrary-Length Co-occurrence Window](#)

M Rahimi, M Zahedi, H Mashayekhi, International Journal of Information and Communication Technology Research, 2017.

[Brain tissue segmentation in MR images based on a hybrid of MRF and social algorithms](#)

S Yousefi, R Azmi, M Zahedi, Medical Image Analysis 16 (4), 2012.

[Spoken language processing techniques for sign language recognition and translation](#)

P Dreuw, D Stein, T Deselaers, D Rybach, M Zahedi, J Bungeroth, H Ney, Technology and Disability 20 (2), 2008.

[A new statistical model to designing a decision support system.](#)

M Zahedi, A Pouyan, E Hejazi, ICEIS (2), 2008.

[A dynamic programming algorithm for tuning concurrency of business processes](#)

M Yaghoubi, M Zahedi, A Ahmadyfard, Signal and Data Processing 15 (2), 2018.

[A German Sign Language Corpus of the Domain Weather Report.](#)

J Bungeroth, D Stein, P Dreuw, M Zahedi, H Ney, LREC, 2006.

[Continuous sign language recognition-approaches from speech recognition and available data resources](#)

M Zahedi, P Dreuw, D Rybach, T Deselaers, H Ney, Second Workshop on the Representation and Processing of Sign Languages, 2006.

[Geometric features for improving continuous appearance-based sign language recognition.](#)

M Zahedi, P Dreuw, D Rybach, T Deselaers, H Ney, BMVC 3, 2006.

[Appearance-based recognition of words in American sign language.](#)

M Zahedi, D Keysers, H Ney, IbPRIA, 2005.

[Combination of tangent distance and an image distortion model for appearance-based sign language recognition](#)

M Zahedi, D Keysers, T Deselaers, H Ney, Pattern Recognition: 27th DAGM Symposium, Vienna, Austria, 2005.