



Amirkabir University of Technology  
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h-index (Scopus):

10

Citations (Scopus):

305

### Supervised MSc Theses

#	Thesis title	By	Date
1	Question Answering Over Knowledge Graphs using deep neural graph representation	Farhad Shirmardi Maryam Abadi & Saeede Momtazi	May 2022
2	Sentimental Influence Maximization in social network	Milad Mohammad Rezaei & Saeede Momtazi	October 2021
3	Influence Maximization in complex Networks Using Multi-Objective Optimization Methods	Aliakbar Badri & Saeede Momtazi	September 2021
4	Event Detection in social media with deep learning	Arya Hadizadeh Moghaddam & Saeede Momtazi	April 2021
5	Legal question answering with deep learning	Maryamalsadat Mousavian & Saeede Momtazi	April 2021
6	Text-based Question Answering with Deep Attention-based Neural Networks	Zahra Abbasiyantaeb & Saeede Momtazi	February 2021
7	Design and implementation of dialogue system between human and chatbot using deep learning	Alireza Farasat Memar & Saeede Momtazi	December 2020
8	Developing a dialogue system for human robot interaction	Elmira Sarrafi & Saeede Momtazi	June 2020
9	Expert Finding in Community Question-Answering	Negin Ghasemitaheri & Saeede Momtazi	December 2019
10	Proposing a Method for Credit Card Fraud Detection	Javad Forough & Saeede Momtazi	November 2019

11	Domain Adaptation in Opinion Mining with Deep Transfer Learning	Ali Asghar Taghizadeh & Saeede Momtazi	September 2019
12	Desing and Implementation of Recommender Systems Using Related Text	Parisa Abolfath Beygi Dezfouli & Saeede Momtazi	July 2019
13	Product Aspect Extraction from Customer Reviews	Homaion Heidarzadeh & Saeede Momtazi	February 2019
14	Answer Summarization in Community Question Answering	Ramin Fatourehchi & Saeede Momtazi	February 2019
15	Question answering over Knowledge-graph using a deep learning approach	Mohammad Amin Abolghasemi & Saeede Momtazi	February 2019
16	PERSIAN Word Sense Disambiguation Using Active Learning	Narges Feshang & Saeede Momtazi	September 2018
17	automatic question answering in the herbal medicine domain	Mahsa Jafari Parsa & Saeede Momtazi	March 2018
18	transforming natural language questions to knowledge graph queries	Maryam Hajiloo & Saeede Momtazi	September 2017
19	named entity recognition in persian text using a deep learning - based feature fusion approach	Farzaneh Torabi & Saeede Momtazi	September 2017

## Journal Papers

### Portal Records

- 1 Mohsen Fazaeli, Saeede Momtazi, "GuidedWalk: Graph embedding with semi-supervised random walk", WORLD WIDE WEB-INTERNET AND WEB INFORMATION SYSTEMS, February 2022 Vol. -, Num. 0, Page 0-0, February 2022,
- 2 Mohammadreza Samadi, Maryamalsadat Mousavian, Saeede Momtazi, "Deep contextualized text representation and learning for fake news detection", INFORMATION PROCESSING & MANAGEMENT, October 2021 Vol. 58, Num. 6, Page 0-0, October 2021,
- 3 Javad Forough, Saeede Momtazi, "Sequential credit card fraud detection: A joint deep neural network and probabilistic graphical model approach", EXPERT SYSTEMS, August 2021 Vol. -, Num. 0, Page 0-0, August 2021,
- 4 Mohammadreza Samadi, Maryamalsadat Mousavian, Saeede Momtazi, "Persian Fake News Detection: Neural Representation and Classification at Word and Text Levels", ACM Transactions on Asian and Low-Resource Language Information Processing, June 2021 Vol. -, Num. 0, Page 0-0, June 2021,
- 5 Arya Hadizadeh Moghaddam, Saeede Momtazi, "Image Processing Meets Time Series Analysis: Predicting Forex Profitable Technical Pattern Positions", APPLIED SOFT COMPUTING, May 2021 Vol. -, Num. 108, Page 0-0, May 2021,
- 6 Zahra Abbasiyantaeb, Saeede Momtazi, "Text-based Question Answering from Information Retrieval and Deep Neural Network Perspectives: A Survey", Wiley Interdisciplinary Reviews-Data Mining and Knowledge Discovery, May 2021 Vol. -, Num. 0, Page 0-0, May 2021,
- 7 Ramin Fatourehchi, Saeede Momtazi, "Persian Text Summarization using Sparse Coding with Neural Text Representation", Journal of Information Processing and Management, April 2021 Vol. 36, Num. 3, Page 767-790, April 2021,
- 8 Hakimeh Mansour, Saeede Momtazi, Kamran Layeghi, "Sentiment analysis for stock market prediction with deep neural network: A case study for international corporate stock database", International Journal of Information and Communication Technology(IJICT), April 2021 Vol. 13, Num. 47, Page 90-104, April 2021,
- 9 Parisa Abolfath Beygi Dezfouli, Saeede Momtazi, Mehdi Dehghan Takht Fooladi, "Deep neural review text interaction for recommendation systems", APPLIED SOFT COMPUTING, March 2021 Vol. -, Num. 100, Page 0-0, March 2021,

- 10 Mohammad Hadi Goldani, Saeede Momtazi, Reza Safabakhsh, "Detecting Fake News with Capsule Neural Networks", APPLIED SOFT COMPUTING, March 2021 Vol. 101, Num. 106991, Page 0-0, March 2021,
- 11 Negin Ghasemitaheeri, Ramin Fatourehchi, Saeede Momtazi, "User Embedding for Expert Finding in Community Question Answering", ACM Transactions on Knowledge Discovery from Data, March 2021 Vol. 15, Num. 4, Page 1-16, March 2021,
- 12 , Mehrbakhsh Nilashi, Mohd Hairul Nizam Bin Md Nasir, Saeede Momtazi, Sarminah Samad, Eko Supriyanto, Fahad Ghabban, "Customers segmentation in eco-friendly hotels using multi-criteria and machine learning techniques", TECHNOLOGY IN SOCIETY, February 2021 Vol. 65, Num. 0, Page 0-0, February 2021,
- 13 Shahrzad Haji Amin Shirazi, Saeede Momtazi, "Cross-lingual embedding for cross-lingual question retrieval in low-resource community question answering", MACHINE TRANSLATION, January 2021 Vol. -, Num. 0, Page 0-0, January 2021,
- 14 Rouzbeh Ghasemi, Seyed Arad Ashrafi Asli, Saeede Momtazi, "Deep Persian Sentiment Analysis: Cross-lingual Training for Low-resource Languages", JOURNAL OF INFORMATION SCIENCE, December 2020 Vol. -, Num. 0, Page 0-0, December 2020,
- 15 Mohammad Hadi Goldani, Reza Safabakhsh, Saeede Momtazi, "Convolutional neural network with margin loss for fake news detection", INFORMATION PROCESSING & MANAGEMENT, December 2020 Vol. 58, Num. 1, Page 0-0, December 2020,
- 16 Javad Forough, Saeede Momtazi, "Ensemble of deep sequential models for credit card fraud detection", APPLIED SOFT COMPUTING, November 2020 Vol. -, Num. 0, Page 0-0, November 2020,
- 17 Negin Ghasemitaheeri, Saeede Momtazi, "Neural Text Similarity of User Reviews for Improving Collaborative Filtering Recommender Systems", ELECTRONIC COMMERCE RESEARCH AND APPLICATIONS, November 2020 Vol. -, Num. 0, Page 0-0, November 2020,
- 18 Dariush Salami, Saeede Momtazi, "Recurrent convolutional neural networks for poet identification", Digital Scholarship in the Humanities, May 2020 Vol. -, Num. 0, Page 0-0, May 2020,
- 19 Ali Hoseinmardy, Saeede Momtazi, "Recognizing Transliterated English Words in Persian Texts", Journal of Information systems and Telecommunication, April 2020 Vol. 8, Num. 2, Page 84-92, April 2020,
- 20 Saeede Momtazi, Farzaneh Torabi, "Named Entity Recognition in Persian Text using Deep Learning", , April 2020 Vol. 42, Num. 4, Page 93-112, April 2020,
- 21 Saeede Momtazi, Arman Rahbar, Dariush Salami, Iman Khanijazani, "A Joint Semantic Vector Representation Model for Text Clustering and Classification", Journal of Artificial Intelligence and Data Mining, July 2019 Vol. 7, Num. 3, Page 443-450, July 2019,
- 22 Amir Hadifar, Saeede Momtazi, "The impact of corpus domain on word representation: a study on Persian word embeddings", LANGUAGE RESOURCES AND EVALUATION, October 2018 Vol. 52, Num. 4, Page 997-1019, October 2018,
- 23 Saeede Momtazi, Omid Moradiannasab, "A Statistical Approach for Knowledge Discovery: Bootstrapped Analysis of Language Models for Knowledge base Population from Unstructured Text", Scientia Iranica, February 2018 Vol. 0, Num. 0, Page 0-0, February 2018,
- 24 Saeede Momtazi, Iryna Gurevych, "Unsupervised Latent Dirichlet Allocation for supervised question classification", INFORMATION PROCESSING & MANAGEMENT, February 2018 Vol. 54, Num. 3, Page 380-393, February 2018,







## Conference Papers

### Portal Records

- 1 Sadjad Ghanbarynasab, Saeede Momtazi, "Will I win? Persian multiple-choice question answering ", CSICC 2020, January 2020
- 2 Soheil Zangeneh, Saeede Momtazi, "a graph clustering based algorithm for recommender system ", CSICC 2020, January 2020

- 3 Parisa Abolfath Beygi Dezfouli, Saeede Momtazi, "Automatic Labeling of Topics Extracted from Persian Texts ", CSICC 2019, March 2019
- 4 Amirmohammad Ebrahimi, Saber Gholami, Saeede Momtazi, Mohammad Reza Meybodi, Ahmad Abdollahzadehbarforoush, "Correlation Analysis of Applications Features: A Case Study on Google Play ", The International Conference on Contemporary Issues In Data Science, March 2019
- 5 Soheil Moharamkhani, Saeede Momtazi, "A Cross-lingual Framework for Text Classification without Training Data for Target Language ", In Proceedings of the 24rd Conference of Computer Society of Iran, March 2019
- 6 Sasan Salari Hanzaii, Navid Sedighpour, Vahid Vaezinia, Saeede Momtazi, "Estimation of 2017 Irans Presidential Election Using Sentiment Analysis on Social Media ", 4th Iranian Conference on Signal Processing and Intelligent Systems, December 2018
- 7 Mohammad Amin Abolghasemi, Saeede Momtazi, "Improving Text Mining with Featured Word Selection ", 4th International Conference on Web Research, April 2018
- 8 Negin Ghasemitaheeri, Saeede Momtazi, "Improving Collaborative Filtering Recommender Systems with new User Similarity Model ", 23rd Conference of Computer Society of Iran, February 2018
- 9 Mahsa Jafari Parsa, Saeede Momtazi, "Automatic Generation of Knowledge Graph from Persian Herbal Information ", 9th International Conference on Information and Knowledge Technology(IKT 2017), October 2017
- 10 Maryam Hajiloo, Saeede Momtazi, "Question Analysis in Question Answering Systems over Knowledge Graph ", 9th International Conference on Information and Knowledge Technology(IKT 2017), October 2017

## Taught Courses

#	Course title	Description	Headlines	Date
1	Principles of Database Design	Database management has evolved from a specialized computer application to a central component of a modern computing environment, and, as a result, knowledge about database systems has become an essential part of an education in computer science. In		Spring 2022
2	Special Topics (Statistical Natural Language Processing)	Natural language processing (NLP) is one of the active topics in artificial intelligence. The main goal of this field is giving the ability of understanding human language to computers. Various systems such as question answering, sentiment analysis,		Spring 2022
3	Advanced Topics in Information Retrieval and Web Search	By increasing the amount of data on the Web retrieving information become a challenging issue in the last years such that using traditional methods cannot answer user information need. To increase the performance of information search advanced retri		Fall 2021
4	Principles of Database Design	Database management has evolved from a specialized computer application to a central component of a modern computing environment, and, as a result, knowledge about database systems has become an essential part of an education in computer science. In		Fall 2021
5	Special Topics (Statistical Natural Language Processing)	Natural language processing (NLP) is one of the active topics in artificial intelligence. The main goal of this field is giving the ability of understanding human language to computers. Various systems such as question answering, sentiment analysis,		Spring 2021
6	Principles of Database Design	Database management has evolved from a specialized computer application to a central component of a modern computing environment, and, as a result, knowledge about database systems has become an essential part of an education in computer science. In		Spring 2021

