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Education

- ✓ B.Sc, Software Engineering, Sharif University of Technology - 2003
- ✓ MS, Software Engineering, Amirkabir University of Technology - 2005
- ✓ PhD, Software Engineering, Shahid Beheshti University - 2015

Courses

1. Database Systems
2. Artificial Intelligence and Expert Systems
3. data mining
4. Fuzzy Logic and Artificial Intelligence
5. Distributed Systems
6. advanced Operating Systems
7. Operating Systems
8. Discrete Structures

Journals Papers

2024

1. Task Placement in Fog Computing Considering User Mobility and Overload

Samira Ansary Mighadam, Samira Noferesti, Mehri Rajaei

Volume: (54) 99 - 110

2. Combination of instance selection and data augmentation techniques for imbalanced classification

Parastoo Mohaghegh, Samira Noferesti, Mehri Rajaei

Volume: (21) 273 - 283

3. Using Data Augmentation Techniques for Sentiment Analysis of Users Opinions on Reopening of Schools During the Covid-19 Epidemic

Marziye Mir, Samira Noferesti

Volume: (21) 3 - 14

2023

4. (سواحل گرمسیري ایران) مطالعه موردی چابهار Gمدل کانال امواج میلی متری 5

Soleyman Nezhadbasaidu, Samira Noferesti, Mehri Mehrjoo

Volume: (10) 88 - 96

5. A resource allocation method for fog computing considering user mobility

Samira Ansary Mighadam, Mehri Rajaei, Samira Noferesti

Journal of Soft Computing and Information Technology Volume: (12) 16 - 31

2022

6. A semantic approach based on domain knowledge for polarity shift detection using distant supervision

Zahra Ayeste, Samira Noferesti

Progress in Artificial Intelligence Volume: (11) 169 - 180

7. Extraction of Drug Crime Patterns and Identifying People at Risk Using Data Mining Techniques

Ahmad Bakhtiyari Shahri, Samira Noferesti, Eftekhari Nosrat, Nadiya Jahantigh

Volume: (22) 9 - 31

8. An approach based on fog nodes collaboration and lottery algorithm for deadline-aware task placement and scheduling in fog computing

Amin Safizade, Samira Noferesti, Nik mohammad Balouchzahi

Journal of Soft Computing and Information Technology Volume: (11) 64 - 75

9. Aspect Extraction and Classification for Sentiment Analysis in Drug Reviews

Mostafa Imani, Samira Noferesti

JOURNAL OF INTELLIGENT INFORMATION SYSTEMS Volume: (59) 613 - 633

10. A Semantic Framework based on Domain Knowledge for Opinion Mining of Drug Reviews

Samira Noferesti, Mehrnoush Shamsfard

JOURNAL OF APPLIED RESEARCH AND TECHNOLOGY Volume: (20) 652 - 667

11. Determining dynamic time quantum in round robin scheduling algorithm using machine learning

Sahar Najafi, Samira Noferesti

Volume: (10) 32 - 43

2021

12. Selecting Wireless Telecommunication Technology of Advanced Metering Infrastructure in Irans Smart Grid

Mohamad Javad Tanakian, Mehri Mehrjoo, Samira Noferesti

Volume: (10) 48 - 61

13. ارائه يك روش كارا براي تخصيص منابع در رايانش مه با در نظر گرفتن شرايط ازدحام درخواست ها

Samira Ansary Mighadam, Samira Noferesti, Mehri Rajaei

Volume: (19) 35 - 42

2020

14. A real-time botnet detection model based on an efficient wrapper feature selection method

Akram Farahmandnejad, Samira Noferesti

International Journal of Security and Networks Volume: (15) 36 - 45

2019

15. Applying data mining and machine learning techniques for sentiment shifter identification

Samira Noferesti, Zeinab Rahimi, Mehrnoush Shamsfard

Language Resources and Evaluation Volume: (53) 279 - 302

16. Using Data Mining Models for Differential Diagnosis of Iron Deficiency Anemia and B-thalassemia Minor

Samira Noferesti, Narges Shemshadi Nejad, Fatemeh Heydari

Volume: (5) 435 - 446

2016

[17. Automatic building a corpus and exploiting it for polarity classification of indirect opinions about drugs](#)

Samira Noferesti,

Volume: (2) 35 - 49

2015

[18. Using Linked Data for polarity classification of patients experiences](#)

Samira Noferesti,

JOURNAL OF BIOMEDICAL INFORMATICS Volume: (57) 6 - 19

[19. Resource Construction and Evaluation for Indirect Opinion Mining of Drug Reviews](#)

Samira Noferesti,

PLoS One Volume: (10) 1 - 25

2014

[20. A rule-based model and genetic algorithm combination for persian text chunking](#)

Samira Noferesti, Mernoush Shamsfard

International Journal of Computers and their Applications Volume: (21) 133 - 140

[21. A Hybrid Algorithm for Recognizing the Position of Ezafe Constructions in Persian Texts](#)

Samira Noferesti, Mehrnoush Shamsfard

International Journal of Interactive Multimedia and Artificial Intelligence Volume: (2) 17 - 25

2012

[22. A hybrid algorithm for solving steiner tree problem](#)

Samira Noferesti, Hamed Shah-Hosseini

International Journal of Computer Applications Volume: (41) 14 - 20

2011

[23. a new dynamic bandwich provisioning approach](#)

Mehri Rajaei, Samira Noferesti

International Journal of Applied Mathematics Statistics Volume: (22) 43 - 52

[24. a hybrid algorithm based on ant colony system and learning automata for sloving steiner tree problem](#)

Samira Noferesti, Mehri Rajaei

International Journal of Applied Mathematics Statistics Volume: (22) 79 - 88

2010

يك الگوریتم جدید بر مبنای اتوماتاهای یادگیر برای حل مسئله درخت اشتاینر. 25.

Samira Noferesti,

Volume: (6) 53 - 59

2008

يك الگوریتم جدید بر مبنای اتوماتاهای یادگیر برای حل مساله درخت اشتاینر. 26.

Samira Noferesti, Mohammad Reza Meybodi

Volume: (6) 53 - 59

2021

1. An efficient approach for deadline-aware task scheduling in fog computing

26th International Computer Conference, Computer Society of Iran

Amin Safizade, Samira Noferesti, Nik mohammad Balouchzahi

2. Prediction of suspended Particulate matters smaller than 10 μ m in diameter using data mining techniques (Case study: Sistan region)

1st international conference and 2nd national conference on "Modern Geomatics Technologies and Applications"

Soleyman Nezhadbasaidu, Samira Noferesti, Mehri Mehrjoo

2018

3. A novel ensemble learning algorithm based on PSO for network naomaly detection

3rd Conference on Cyberspace Security Incidents and Vulnerabilities (APA 3)

Samira Noferesti, Sahar Mohammadi

4. Identification of Gem Demand Patterns by using Data Mining Techniques

5th National Symposium of Gemology and Crystallography of Iran

Seyed Amirasad Fatemi, Samira Noferesti

5. Evaluation of job satisfaction in Water and Sewage Company of Sistan and Baluchestan

Najmeh Ganjali, Samira Noferesti, Baqer Kord

6. Application of data mining to predict anemia

13 th Symposiums on Advances in Science and Technology (SASTech)

Narges Shemshadi Nejad, Samira Noferesti, Fatemeh Heydari

2017

7. A new approach for the prediction of TBM penetration rate based on Particle Swarm Optimization (PSO)

World Tunnel Congress 2017

Seyed Amirasad Fatemi, jamal rostami, Samira Noferesti

2016

8. Using Data Mining Techniques for Sentiment Shifter Identification

Tenth International Conference on Language Resources and Evaluation (LREC)

Samira Noferesti,

2011

9. CRITICAL FAILURE SURFACE DETERMINING IN A 2D SLOPE STABILITY ANALYSIS BY ELITISM GENETIC ALGORITHM

4th Iranian Rock Mechanics Conference (IRMC4)

Seyed Amirasad Fatemi, Samira Noferesti,

2009

10. Solving Steiner tree problem by using learning automata

International Conference on Computational Intelligence and software engineering

Samira Noferesti, Mehri Rajaei

Research Project

2023

2021

2019

2018

2017

1. Order management system for Tehran international book fair

Ahmad Bakhtiyari Shahri, Samira Noferesti - 2017

2016
