Resume

First name: Pirooz

Last name: Shamsinejadbabaki

Academic title: Assistant professor

Area of Specialty: Computer Engineering / Artificial Intelligence

Areas of Interest: Machine Learning / Data Science / AI

Projects & Research Activities:

Industrial Projects:

1) Implementing Data Science Service for Information Systems in Hormozgan Steel Company. 2020 - 2023

2) Designing and Implementing a Hybrid Electricity Theft Detection System using Artificial Intelligence Techniques, Shiraz Power Distribution Company, 2023 - 2024

3) Developing a Fake News Detection system for Persian News. (www.factfinder.ir). 2021 - 2023

4) Integrating different Databases using Web Services for Isfahan Provincial Organizations.2010-2012

5) Implementing an Automatic Requirement Engineering System for Mobarakeh Steel Company.2009-2010

Research Activities:

- Federated Learning
- Generative AI
- Fake News Detection
- Medical Data Mining

Selected publication

1. Hajizadeh, R. Javidan, P. Shamsinejad, R. Akbari, “Node deployment in wireless sensor networks using the new Multi Objective Levy Flight Bee Algorithm (MOLFB)”, IET Wireless Sensor Networks, 2019.

2. Hassanpour, M. Moradikia, H. Adeli, S. R. Khayami, P. Shamsinejad, “A novel end-to-end deep learning scheme for classifying multiclass motor imagery electroencephalography signals”, Expert Systems, 2019.

3. Bordbar, P. Shamsinejad, “A New Opinion Mining Method based on Fuzzy Classifier and Particle Swarm Optimization (PSO) Algorithm”, Cybernetics and Information Technologies, Vol. 18, No. 2, 2018.

4. Entekhabi, P. Shamsinejad, “FARM: Fuzzy Action Rule Mining”, International Journal of Advanced Computer and Applications, Vol. 9, No. 1, 2018

5. Shapoorifard, P. Shamsinejad, “Intrusion Detection using a Novel Hybrid Method Incorporating an Improved KNN”, International Journal of Computer Applications, Vol. 173, No. 1, pp 5-9, 2017.

6. H. Shapoorifard, P. Shamsinejad, “A Novel Cluster-based Intrusion Detection Approach Integrating Multiple Learning Techniques”, International Journal of Computer Applications, Vol. 166, No. 3, 2017.

7. Kalanat, P. Shamsinejad, M. H. Saraee, “A Fuzzy Method for Discovering Cost-Effective Actions from Data ”, Journal of Intelligent and Fuzzy Systems, 2015.

8. Shamsinejad, M. H. Saree, H. Blockeel, “ Causality-based Cost-effective Action Mining ”,International Journal of Intelligent Data Analysis,Vol. 17, No. 6, IOS Press, 2013.

9. Shamsinejad, M. H. Saraee, “A new unsupervised feature selection method for text clustering based on genetic algorithms”, Journal of Intelligent Information Systems, Vol. 38, No. 3, Springer, 2012.

10. N. Kalanat, P. Shamsinejad, M. H. Saraee, “CEARDM: A Cost-Effective Action Rule Discovery Algorithm”, International Journal of Machine Learning and Computing, 2011.

11. P. Shamsinejad, M. H. Saraee, “Causal Action Rule Mining”, International Journal of Machine Learning and Computing, 2011.