Hammad Afzal

Professor

Military College of Signals

Email: hammad.afzal@mcs.edu.pk

Professional Memberships

Contact: 0515598982

LinkedIn: https://www.linkedin.com/in/hammad-afzal-6239701b2/



About

Dr. Hammad Afzal is working as Professor in the Military College of Signals. Dr. Hammad Afzal has a PhD in Machine Learning, Text Mining. Dr. Hammad Afzal has published 83 research articles & conference papers having a citation count of 1138, carried out 5 projects and filed 0 intellectual property.

Qualifications

PhD in Machine Learning, Text Mining University of Manchester , United Kingdom	2006 - 2009
MS in Informatics University of Manchester , Pakistan	2004 - 2005
BE in Software Engineering NUST, Islamabad , Pakistan	1999 - 2003
Experience	
Professor Military College of Signals	2024- Present
Professor Military College of Signals	2022 - 2022
Associate Professor Military College of Signals	2019 - 2012
Assistant Professor Military College of Signals	2015 - 2022
Assistant Professor Military College of Signals	2012 - 2015
Assistant Professor Military College of Signals	2010 - 2019
Research Associate University of Ireland , Galway Ireland	2009 - 2009
Awards	
PEC Chair SE Curriculum Head of SE Curriculum Committee, Pakistan Engineering Council	2020
Biohackathon2010 Invited (and fully funded) by the University of Tokyo to participate in BioHackathon 2010 (http://hackathon3.dbcls.jp/) in Tokyo, Japan	2010
Peter Jones Prize Peter Jones Prize of the year 2005, to attain highest grades in all MSc courses in the Department of Informatics, University of Manchester, UK	2005

PEC Since 2003

Research Projects

National Projects	
Al Gallery GENIE where Images meets Intelligence Funding Agency: IGNITE Amount: PKR 81,499.00 Status: Completed	2025
Al-based Risk Predictive tool for early diagnosis and treatment of Gestational Diabetes Funding Agency: PHC GLOBAL Amount: PKR 12,944,923.00 Status: Approved_inprocess	2023
Simulation of Autonomous Surface Vehicle with Al Powered Collision Avoidance and Route Planning System Funding Agency: NESCOM Amount: PKR 100,000.00 Status: Approved_inprocess	
Al STP- Web Appl Security Evaluation and Health Informatics Funding Agency: Army Amount: PKR 15,060,000.00 Status: Approved_inprocess	2022
Funding Agency: IGNITE Amount: PKR N/A Status: Completed International Projects	2021
Research Articles	
A light-weight deep learning framework for Low Light Image Enhancement Laraib Zainab Hammad Afzal Khawir Mahmood Omar Arif Neurocomputing, Volume 621, Article Number 129236 Impact Factor: 5.500 Quartile: 1 Citations: 3 DOI: https://doi.org/10.1016/j.neucom.2024.129236	2025
Semantic Web Approaches in Stack Overflow: Research Trends and Technological Insights Zeeshan Anwar Hammad Afzal Seifedine Kadry Xiaochun Cheng International Journal on Semantic Web and Information Systems, Volume: 20, Issue:01, Pages: 61 Impact Factor: 4.1 Quartile: 1 DOI: 10.4018/IJSWIS.358617	2024
Learning beyond books: A hybrid model to learn real-world problems Zeeshan Anwar Hammad Afzal Naima Iltaf Computer Applications in Engineering Education, Pages 1-15 Impact Factor: 2.000 Quartile: 2 Citations: 1 DOI: https://doi.org/10.1002/cae.22792	2024
Low Resource Summarization using Pre-trained Language Models Mubashir Munaf Hammad Afzal Khawir Mahmood Naima Iltaf ACM Transactions on Asian and Low-Resource Language Information Processing, Pages:19 Impact Factor: 1.800 Quartile: 3 Citations: 6 DOI: https://doi.org/10.1145/3675780	2024
Fuzzy ensemble of fined tuned BERT models for domain-specific sentiment analysis of software engineering dataset Zeeshan Anwar Hammad Afzal Naima Iltaf Seifedine Kadry Jungeun Kim PLoS ONE, Volume 19(5), Article Number e0300279 Impact Factor: 2.900 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1371/journal.pone.0300279	2024
Mining the Opinions of Software Developers for Improved Project Insights: Harnessing the Power of Transfer Learning	2024

Zeeshan Anwar Hammad Afzal Taher Al-Shehari Muna Al-Razgan Taha Alfakih Raheel Nawaz

Impact Factor: 3.9 Quartile: 2 Citations: 2 DOI: 10.1109/ACCESS.2024.3397211	
Collaborative Solutions to Software Architecture Challenges Faced by IT Professionals Zeeshan Anwar Nazia Bibi Tauseef Rana Seifedine Kadry Hammad Afzal International Journal of Human Capital and Information Technology Professionals (IJHCITP), Volume 15, Issue 1, Pages 1-29	2024
Impact Factor: 0.900 Quartile: 4 Citations: 2 DOI: 10.4018/IJHCITP.342839	
Enhancing Insider Threat Detection in Imbalanced Cybersecurity Settings Using the Density-Based Local Outlier Factor Algorithm	2024
Taher Al-Shehari Domenico Rosaci Muna Al-Razgan Taha Alfakih Mohammed Kadrie Hammad Afzal Raheel Nawaz IEEE Access , Volume:12, Page:34820-34834	
Impact Factor: 3.9 Quartile: 2 Citations: 11 DOI: 10.1109/ACCESS.2024.3373694	
Underwater image enhancement using lightweight vision transformer	2024
Muneeba Daud Hammad Afzal Khawir Mahmood	
Multimedia Tools and Applications, Pages: 23 Impact Factor: 3.6 Quartile: 2 Citations: 1 DOI: 10.1007/s11042-024-18550-z	
Mining crowd sourcing repositories for open innovation in software engineering	2024
Zeeshan Anwar Hammad Afzal	
Automated Software Engineering, Volume 31, Article number 11, Pages: 06	
Impact Factor: 3.4 Quartile: 2 Citations: 5 DOI: 10.1007/s10515-023-00410-z	
A novel hybrid CNN-LSTM approach for assessing StackOverflow post quality Zeeshan Anwar Hammad Afzal Ali Ahsan Naima Altaf Ayesha Maqbool Journal of Intelligent Systems, Pages 1-21	2023
Impact Factor: 2.100 Quartile: 3 Citations: 9 DOI: https://doi.org/10.1515/jisys-2023-0057	
Detection and Classification of Temporal Changes for Citrus Canker Growth Rate using Deep Learning Naureen Zainab Hammad Afzal Taher Al-Shehari Muna Al-Razgan Naima Altaf Muhammad Zakria Muhammad Javed Hyder Raheel Nawaz IEEE Access, Volume 11, Pages 127637-127650	2023
Impact Factor: 3.9 Quartile: 2 Citations: 6 DOI: https://doi.org/10.1109/ACCESS.2023.3331735	
Detection of Offensive Language and ITS Severity for Low Resource Language Ramsha Saeed Hammad Afzal Sadaf Abdul Rauf Naima Altaf	2023
ACM Transactions on Asian and Low-Resource Language Information Processing, Volume: 22, Issue:06, Article Number: 156 Impact Factor: 2.0 Quartile: 4 Citations: 11 DOI: 10.1145/3580476	
Deep Learning-Based Multiclass Instance Segmentation for Dental Lesion Detection Anum Fatima Imran Shafi Hammad Afzal Khawar Mahmood Isabel De La Torre Díez Vivian Lipari Julien Brito Ballester Imran Ashraf Healthcare, Volume 11(3), Article Number 347 Impact Factor: 3.160 Quartile: 2 Citations: 31 DOI: https://doi.org/10.3390/healthcare11030347	2023
Depression Detection Based on Hybrid Deep Learning SSCL Framework Using Self-Attention	2022
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Aleena Nadeem Muhammad Naveed Muhammad Islam Satti Hammad Afzal Tanveer Ahmed Ki-II Kim Sensors , Volume 22(24), Article Number 9775	
Impact Factor: 3.847 Quartile: 2 Citations: 43 DOI: https://doi.org/10.3390/s22249775	
A deep learning assisted personalized deception system for countering web application attacks	2022
Waleed Bin Shahid Haider Abbas Hammad Afzal Saad Bin Khalid Baber Aslam	
Journal of Information Security and Applications, Volume 67, Article Number 103169	
Impact Factor: 3.872 Quartile: 2 Citations: 10	

IEEE Access , Volume:12, Page:65942-65955

DOI: https://doi.org/10.1016/j.jisa.2022.103169

Carving of the OOXML document from volatile memory using unsupervised learning techniques Noor UI Ain Mian Muhammad Waseem Iqbal Hammad Afzal Journal of Information Security and Applications, Volume 65, Article Number 103096	2022
Impact Factor: 3.872 Quartile: 2 Citations: 7 DOI: https://doi.org/10.1016/j.jisa.2021.103096	
An enhanced deep learning based framework for web attacks detection, mitigation and attacker	2022
Waleed Bin Shahid Haider Abbas Saad Bin Khalid Hammad Afzal Baber Aslam Journal of Network and Computer Applications, Volume 198, Article Number 103270 Impact Factor: 8.7 Quartile: 1 Citations: 43 DOI: https://doi.org/10.1016/j.jnca.2021.103270	
Enriching Conventional Ensemble Learner with Deep Contextual Semantics to Detect Fake News in Urdu	2022
Ramsha Saeed Hammad Afzal Haider Abbas Maheen Fatima	
ACM Transactions on Asian and Low-Resource Language Information Processing, Volume 21, Issue 1, Article Number 6, Pages 1-19	
Impact Factor: 1.413 Quartile: 4 Citations: 3 DOI: https://doi.org/10.1145/3461614	
Pharmacovigilance with Transformers: A Framework to Detect Adverse Drug Reactions Using BERT	2021
Fine-Tuned with FARM Sajid Hussain Hammad Afzal Ramsha Saeed Mir Yasir Umair Naima Altaf	
Computational and Mathematical Methods in Medicine, Volume 2021, Article ID 5589829, 12 pages	
Impact Factor: 2.809 Quartile: 2 Citations: 23 DOI: https://doi.org/10.1155/2021/5589829	
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Hammad Afzal Haider Abbas Abdul B. Subhani Muhammad Faisal Amjad	
Computer Communications , Volume 172, Pages 25-34	
Impact Factor: 5.047 Quartile: 1 Citations: 10 DOI: https://doi.org/10.1016/j.comcom.2021.03.001	
NT-FDS—A Noise Tolerant Fall Detection System Using Deep Learning on Wearable Devices	2021
Hammad Afzal Khawir Mahmood Marvi Waheed	
Sensors , Volume 21(6), Article Number 2006	
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Zafran Khan Naima Altaf Hammad Afzal Haider Abbas	
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Impact Factor: 3.167 Quartile: 2 Citations: 23 DOI: doi.org/10.1016/j.comcom.2020.02.068	
Auto-MeDiSine: an auto-tunable medical decision support engine using an automated class outlier detection method and AutoMLP	2020
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Impact Factor: 5.606 Quartile: 1 Citations: 11 DOI: 10.1007/s00521-019-04137-5	
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Detection of SS7 Network Attacks	
Imran Rashid Hammad Afzal Mian Muhammad Waseem Iqbal Yawar Abbas Bangash Haider Abbas	
IEEE Communications Surveys & Tutorials, Volume 22, Issue 2, Pages 1337-1371	
Impact Factor: 25.249 Quartile: 1 Citations: 177 DOI: 10.1109/COMST.2020.2971757	
Enriching Non-negative Matrix Factorization with Contextual Embeddings for Recommender Systems	2020
Zafran Khan Naima Altaf Hammad Afzal Haider Abbas Neurocomputing , Volume: 380, Pages: 246-258	
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AdDroid: Rule-Based Machine Learning Framework for Android Malware Analysis Anam Mehtab Waleed Bin Shahid Tahreem Yaqoob Muhammad Faisal Amjad Haider Abbas Hammad Afzal Malik Najmus Saqib Mobile Networks and Applications, Pages 1-13 Impact Factor: 2.602 Quartile: 2 Citations: 42 DOI: 10.1007/s11036-019-01248-0	2019
CATSWoTS: Context Aware Trustworthy Social Web of Things System Sabeen Javaid Hammad Afzal Naima Altaf Haider Abbas Waseem Iqbal Fahim Arif Sensors, Volume: 19, Issue: 14, Article Number: 3076, Impact Factor: 3.275 Quartile: 1 Citations: 15 DOI: 10.3390/s19143076	2019
Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint Omar Arif Hammad Afzal Haider Abbas Muhammad Faisal Amjad Jiafu Wan Raheel Nawaz Journal of Medical Systems, Volume 43, Pages 1-11 Impact Factor: 3.058 Quartile: 1 Citations: 8 DOI: https://doi.org/10.1007/s10916-019-1399-x	2019
Forensic Analysis of Tor Browser: A Case Study for Privacy and Anonymity on the Web Abid Khan Jadoon Waseem Iqbal Hammad Afzal Yawar Abbas Bangash Muhammad Faisal Amjad Forensic Science International, Volume 299, Pages 59-73 Impact Factor: 2.108 Quartile: 1 Citations: 41 DOI: 10.1016/j.forsciint.2019.03.030	2019
Auto-MeDiSine: An Auto-Tunable Medical Decision Support Engine using an automated Class Outlier Detection method and AutoMLP Maham Jahangir Hammad Afzal Mehreen Ahmed Raheel Nawaz Haider Abbas Khawar Khurshid Muhammad Faisal Amjad Neural Computing and Applications, Pages 1–13 Impact Factor: 4.774 Quartile: 1 Citations: 11 DOI: https://doi.org/10.1007/s00521-019-04137-5	2019
Semantically enhanced concept search of the Holy Quran: Qur'anic English WordNet Hammad Afzal Tayyaba Mukhtar Arabian Journal for Science and Engineering, Volume 44, Issue 4, Pages 3953-3966 Impact Factor: 1.711 Quartile: 3 Citations: 12 DOI: 10.1007/s13369-018-03709-2	2019
ARCA-IoT: An Attack-Resilient Cloud-Assisted IoT System Sabeen Javaid Hammad Afzal Muhammad Babar Fahim Arif Zhiyuan Tan Mian Ahmed Jan IEEE Access, Volume 7, Pages 19616-19630 Impact Factor: 3.745 Quartile: 1 Citations: 17 DOI: 10.1109/ACCESS.2019.2897095	2019
A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques RAZA YUNUS OMAR ARIF HAMMAD AFZAL MUHAMMAD FAISAL AMJAD HAIDER ABBAS HIRA NOOR BOKHAR SYEDA TAZEEN HAIDER ZAFAR RAHEEL NAWAZ IEEE Access, Volume 7, Pages 2643-2652 Impact Factor: 4.098 Quartile: 1 Citations: 89 DOI: 10.1109/ACCESS.2018.2879117	2018 NAUMAN
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AndroKit: A Toolkit for Forensics Analysis of Web Browsers on Android Platform Muhammad Asim Hammad Afzal Yin Zhang HAIDER ABBAS Waseem Iqbal Muhammad Faisal Amjad Future Generation Computer Systems, Volume 94, Pages 781-794	2018
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Exploring Nested Ensemble Learners using Over-production and Choose Approach for Churn Prediction in Telecom Industry	2018
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Impact Factor: 4.664 Quartile: 1 Citations: 26	
DOI: 10.1007/s00521-018-3678-8	
A Hybrid-Adaptive Neuro-Fuzzy Inference System for Multi-Objective Regression Test Suites Optimization	2018
Zeshan Anwar Hammad Afzal Nazia Bibi Haider Abbas Omar Arif Athar Mohsin	
Neural Computing and Applications, Pages 1-15 Impact Factor: 4.664 Quartile: 1 Citations: 21	
DOI: 10.1007/s00521-018-3560-8	
Defence Against PUE Attacks in Ad hoc Cognitive Radio Networks: A Mean Field Game Approach	2018
Muhammad Faisal Amjad Saim Bin Abdul Khaliq Haider Abbas Narmeen Shafqat Hammad Afzal	
Telecommunication Systems, Volume: 70 Issue: 1 Pages: 123-140 Published: JAN 2019 Impact Factor: 1.707 Quartile: 3 Citations: 17	
DOI: 10.1007/s11235-018-0472-y	
Forensic Investigation to detect forgeries in ASF Files of Contemporary IP Cameras Rashid Masood Khan Hammad Afzal Maroof Pasha HAIDER ABBAS Abdul Rauf Muhammad Faisal Amjad Waseem Iqbal The Journal of Supercomputing, Page 1–22	2018
Impact Factor: 2.157 Quartile: 2 DOI: 10.1007/s11227-018-2377-7	
Improving handwriting based gender classification using ensemble classifiers	2017
Mehreen Ahmed Asma Ghulam Rasool Imran Siddiqi Hammad Afzal	
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	00.47
Impact of Feature Selection Algorithms on Blind Image Quality Assessment Khawar Khurshid Muhammad Majid Imran Fareed Nizami Hammad Afzal	2017
Arabian Journal for Science and Engineering, NULL	
Impact Factor: 1.092 Quartile: 3 Citations: 7	
DOI: https://doi.org/10.1007/s13369-017-2803-9	
A Survey of Evolution in Predictive Models and Impacting Factors in Customer Churn	2017
Mehreen Ahmed Hammad Afzal Awais Majeed Behram Khan Advances in Data Science and Adaptive Analysis, Volume: 9, Issue: 3, Article Number: UNSP 1750007	
Impact Factor: -	
DOI: DOI:10.1142/S2424922X17500073	
Evaluation of Navigational Aspects of Moodle	2016
Awais Majeed Raheela Arshad Hammad Afzal Muhammad Muzammal Arif ur Rahman	
International Journal of Advanced Computer Science and Applications (ijacsa), NULL	
Impact Factor: 0 DOI: 10.14569/IJACSA.2016.070342	
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Reputation Management System for Fostering Trust in Collaborative and Cohesive Disaster Management	2016
Sabeen Javed Hammad Afzal Awais Majeed Fahim Arif	

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QoS Aware Wavelength Assignment in Wavelength Division Multiplexing Based Optical Networks 2015 Kabeer Ahmed Bhatti Hammad Afzal Umar Mehmood N.A. Malik Bilal Rauf International Journal of Multidisciplinary Sciences and Engineering (IJMSE), Vol. 6, No.1, Pages 23-27 Impact Factor: 0 DOI: http://www.ijmse.org/Volume6/Issue1.html An Approach for Secure Semantic Data Integration at Data as a Service (DaaS) Layer 2015 Shoohira Aftab Hammad Afzal Amna Khalid International Journal of Information and Education Technology, Volume 5, No. 2, Pages 124-130 Impact Factor: -DOI: -Mining Semantic Networks of Bioinformatics Web Resources from the Literature 2011 Hammad Afzal James Eales Robert Stevens Goran Nenadio Journal of Biomedical Semantics, NULL Impact Factor: 0 | Citations: 3 DOI: 10.1186/2041-1480-2-S1-S4 **Conference Proceedings** NLPColab at FigNews 2024 Shared Task: Challenges in Bias and Propaganda Annotation for News 2024 Media Hammad Afzal SEEMAB LATIF Sadaf Abdul Rauf Huda Sarfraz Saadia Ishtiaq Nauman Arooj Fatima Sadaf Ziafat Alishba Abdul Suboor Proceedings of The Second Arabic Natural Language Processing Conference, res.country(217,) Citations: N/A DOI: 10.18653/v1/2024.arabicnlp-1.61 Diagnosis and Identification of Citrus Canker Growth Rate Using Machine Learning 2023 Naureen Zainab Hammad Afzal Fahim Arif Abdul Ghafoor Naima Iltaf Muhammad Zakria Muhammad Javed Hyder Rafia Ahsan 2023 IEEE 4th International Conference on Pattern Recognition and Machine Learning (PRML), res.country(48,) Citations: 1 DOI: 10.1109/PRML59573.2023.10348188 Co-Clustering based Hybrid Collaborative Filtering Model 2023 Aammna Dr Naima Iltaf Dr Hammad Afzal Ain, Qurat Ul 4th International Conference on Communication Technologies, ComTech 2023, res.country(177,) Citations: N/A DOI: 10.1109/ComTech57708.2023.10165021 **Electricity Theft Detection Via Deep Learning** 2023 Sehrish Farid Dr Naima Iltaf Dr Hammad Afzal 4th International Conference on Communication Technologies, ComTech 2023, res.country(177,) Citations: N/A DOI: 10.1109/ComTech57708.2023.10164983 Detection and Analysis of Mental Health Illness using Social Media 2023 Rabia Qayyum Hammad Afzal Khawir Mahmood Naima Iltaf 4th International Conference on Communication Technologies, ComTech 2023, res.country(177,) Citations: N/A DOI: 10.1109/ComTech57708.2023.10165143 A Survey of Network Features for Machine Learning Algorithms to Detect Network Attacks 2022 Joveria Rubaab Hammad Afzal Waleed Bin Shahid Asian Conference on Intelligent Information and Database Systems, res.country(241,) Citations: N/A DOI: 10.1007/978-3-031-21967-2 7 A Framework to Optimize Deep Learning based Web Attack Detection Using Attacker Categorization 2021 Waleed Bin Shahid Haider Abbas Hammad Afzal Saad Bin Khalid 2021 IEEE 19th International Conference on Embedded and Ubiquitous Computing (EUC), res.country(48,) Citations: N/A DOI: 10.1109/EUC53437.2021.00022

Farah Saleem naima iltaf hammad Afzal mobeena Shahzad

2019 IEEE 28th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), res.country(109,)

Citations: 6

DOI: 10.1109/WETICE.2019.00053

A Deep Learning Framework to Predict Rating for Cold Start Item Using Item Metadata

2019

Fahad Anwaar naima iltaf hammad Afzal Haider Abbas

2019 IEEE 28th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), res.country(109,)

Citations: 5

DOI: 10.1109/WETICE.2019.00071

Mining Mobile Security Concerns and their Solutions

2019

Zeshan Anwar Nazia Bibi Hammad Afzal

2019 16th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(282,)

Citations: N/A

DOI: 10.1109/IBCAST.2019.8667251

A Multi-Classifier Framework for Open Source Malware Forensics

2018

Naeem Amjad Muhammad Faisal Amjad Hammad Afzal Farrukh Aslam Khan

Proceedings - IEEE 27th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE 2018), res.country(75,)

Citations: N/A

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Crowdsourced System to Report Traffic Violations

2018

Maryam Jameela Hammad Afzal Khawar Khurshid Asad Wagar Malik

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Citations: N/A

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2018

Maryam Jameela Hammad Afzal Khawar Khurshid Asad Waqar Malik

4th International Conference on Vehicle Technology and Intelligent Transport Systems, res.country(183,)

Citations: N/A

DOI: 10.5220/0006680303150322

Trust management for SOA based social WoT system

2018

Sabeen Javaid Hammad Afzal Fahim Arif Naima altaf

International Conference on Advanced Communication Technology, ICACT, res.country(121,)

Citations: N/A

DOI: 10.23919/ICACT.2018.8323767

Extension of Semantic Based Urdu Linguistic Resources Using Natural Language Processing

2017

komal khalid Hammad Afzal faiza moqaddas naima altaf ahmed muqeem sheri raheel nawaz

Proceedings - 2017 IEEE 15th International Conference on Dependable, Autonomic and Secure Computing, 2017 IEEE 15th International Conference on Pervasive Intelligence and Computing, 2017 IEEE 3rd International Conference on Big Data Intelligence and Computing and 2017 IEEE Cyber Science and Technology Congress, DASC-PICom-DataCom-CyberSciTec 2017, res.country(233,)

Citations: 8

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MCS: Multiple classifier system to predict the churners in the telecom industry

2017

Mehreen Ahmed Hammad Afzal Hammad Afzal Behram Khan

2017 Intelligent Systems Conference (IntelliSys), res.country(231,)

Citations: N/A

DOI: https://doi.org/10.1109/IntelliSys.2017.8324367

An expert system for diabetes prediction using auto tuned multi-layer perceptron

2017

Maham Jahangir Hammad Afzal Mehreen Ahmed Khawar Khurshid Raheel Nawaz

2017 Intelligent systems conference (IntelliSys), res.country(260,)

Citations: N/A

DOI: 10.1109/IntelliSys.2017.8324209

Design pattern for secure object oriented information systems development

2017

Muhammad Samiul Haq Zeshan Anwar Hammad Afzal Ali Hassan

2017 14th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(282,)

Citations: N/A DOI: https://doi.org/10.1109/IBCAST.2017.7868093 Volunteer Reputation Evaluation for Emergency Response Operations 2016 Anum Kaleem Awais majeed Tameem Ahmed Hammad Afzal Faisal bashir 2015 2nd International Conference on Information and Communication Technologies for Disaster Management (ICT-DM), res.country(75,) Citations: N/A DOI: 10.1109/ICT-DM.2015.7402046 **Pashto Sentiment Analysis Using Lexical Features** 2016 Uzair Kamal Imran Siddigi Hammad Afzal Arif ur Rehman 1st Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MedPRAI 2016, res.country (62,) Citations: N/A DOI: 10.1145/3038884.3038904 Analyzing Socio-economic and Geographical factors for Crime Incidents using Heat maps and 2016 **Hotspots** Sunia Malik Hammad Afzal Imran Siddigi Awais Majeed 1st Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MedPRAI 2016, res.country(62,) Citations: N/A DOI: 10.1145/3038884.3038908 Spam filtering of bi-lingual tweets using machine learning 2016 Hammad Afzal Kashif Mehmood 2016 18th International Conference on Advanced Communication Technology (ICACT), res.country(259,) Citations: N/A DOI: https://doi.org/10.1109/ICACT.2016.7423529 Using Crowd-Source Based Features from Social Media and Conventional Features to Predict the 2015 **Movies Popularity** Mehreen Ahmed Maham Jahangir Hammad Afzal Awais Majeed Imran Siddiqi 2015 IEEE International Conference on Smart City/SocialCom/SustainCom (SmartCity), res.country(48,) Citations: N/A DOI: 10.1109/SmartCity.2015.83 Contributions to the study of bi-lingual Roman Urdu SMS spam filtering 2015 Kashif Mahmood Hammad Afzal Awais Majeed Hassan Latif 2015 National Software Engineering Conference (NSEC), res.country(282,) Citations: N/A DOI: https://doi.org/10.1109/NSEC.2015.7396343 Biomedical Text Mining for Concept Identification from Traditional Medicine Literature 2014 Zeshan Javed Hammad afzal 2014 International Conference on Open Source Systems & Technologies, res.country(282,) Citations: N/A DOI: 10.1109/ICOSST.2014.7029345 Creation of bi-lingual Social Network Dataset using classifiers 2014 Igra Javed Hammad Afzal 10th International Conference on Machine Learning and Data Mining in Pattern Recognition, MLDM 2014, res.country(190,) Citations: N/A DOI: 10.1007/978-3-319-08979-9 40 Towards Creation of Linguistic Resources for Bilingual Sentiment Analysis of Twitter Data 2014 Igra Javed Hammad Afzal Awais Majeed Berhram Khan 19th International Conference on Applications of Natural Language to Information Systems, res.country(75,) Citations: N/A DOI: 10.1007/978-3-319-07983-7_32

16th International Conference on Advanced Communication Technology, res.country(259,)

Balancing Scalability, Performance and Fault tolerance in structured data

Amna Khalid Hammad Afzal Shoohira Aftab

DOI: 10.1109/ICACT.2014.6779058

Citations: N/A

2014

tayyaba mukhtar Hammad Afzal Awais Majeed 15th International Multitopic Conference (INMIC), res.country(282,) Citations: N/A DOI: https://doi.org/10.1109/INMIC.2012.6511467 A hybrid routing protocol for wireless sensor networks with mobile sinks Veena Safdar Faisal Bashir Zara Hamid Hammad Afzal Jae Young Pyun ISWPC 2012 proceedings, res.country(48,) Citations: N/A DOI: 10.1109/ISWPC.2012.6263665	2012
Editorial Activities	
Edited Journal Issue / Proceeding / Book Impact Factor: NA	2023
Edited Journal Issue / Proceeding / Book	2023
Impact Factor: NA	0000
Edited Journal Issue / Proceeding / Book Impact Factor: NA	2023
Reviewed Papers for Journals Impact Factor: N/A	2023
Journal of mobile information systems Reviewed Papers for Journals Impact Factor: NA	2023
Mobile Information Systems Reviewed Papers for Journals Impact Factor: 1.863	2023
Reviewed Papers for Journals Impact Factor: 6.4	2023
Computers, Materials & Continua Reviewed Papers for Journals Impact Factor: 3.8	2023
Applied Soft Computing Reviewed Papers for Journals Impact Factor: 8.263	2023
Security and Communication Networks Edited Journal Issue / Proceeding / Book Impact Factor: 1.96	2022
Sensors Reviewed Papers for Journals	2022
Impact Factor: 3.8 HealthCare-The Journal of Delivery Science and Innovation Reviewed Papers for Journals	2022
Impact Factor: 3.16 Computational intelligence and neuroscience Reviewed Papers for Journals	2022

2022

Impact Factor: 3.1

Neural Computing and Applications

Reviewed Papers for Journals Impact Factor: 5.102

Renuka Selvaraj	2022
Reviewed Papers for Journals Impact Factor: 1.863	
Edited Journal Issue / Proceeding / Book Impact Factor: 1.8	2022
Edited Journal Issue / Proceeding / Book Impact Factor: 1.8	2022
Reviewed Papers for Journals Impact Factor: 1.4	2022
Reviewed Papers for Journals Impact Factor: 1.8	2022
Reviewed Papers for Journals Impact Factor: 3.6	2021
Reviewed Papers for Journals Impact Factor: 2.7	2021
Reviewed Papers for Journals Impact Factor: 5.6	2021
Reviewed Papers for Journals Impact Factor: 3.367	2021
Reviewed Papers for Journals Impact Factor: 2.713	2021
Reviewed Papers for Journals Impact Factor: 2.2	2021
Reviewed Papers for Journals Impact Factor: 3.5	2021
Reviewed Papers for Journals Impact Factor: 3.5	2021
Reviewed Papers for Journals Impact Factor: 3.5	2021
Reviewed Papers for Journals Impact Factor: 3.7	2021
Reviewed Papers for Journals Impact Factor: 1.42	2021
Reviewed Papers for Journals Impact Factor: 6.2	2021
Reviewed Papers for Journals	2021

Impact Factor: 3.2

Reviewed Papers for Journals	2021
Impact Factor: 3.3	2021
Reviewed Papers for Journals Impact Factor: 3.367	
Reviewed Papers for Journals Impact Factor: 1.536	2021
Reviewed Papers for Journals Impact Factor: 3.367	2021
Reviewed Papers for Journals Impact Factor: 3.367	2021
Reviewed Papers for Journals Impact Factor: 4.89	2021
Reviewed Papers for Journals Impact Factor: 3.745	2021
Reviewed Papers for Journals Impact Factor: 3.7	2021
Reviewed Papers for Journals Impact Factor: 3.2	2021
Reviewed Papers for Journals Impact Factor: 3.745	2021
Reviewed Papers for Journals Impact Factor: 4.774	2021
Reviewed Papers for Journals	2021
Reviewed Papers for Journals Impact Factor: 1.508	2021
Reviewed Papers for Journals Impact Factor: 5.57	2021
Reviewed Papers for Journals Impact Factor: 1.819	2021
Reviewed Papers for Journals Impact Factor: 2.41	2020
Reviewed Papers for Journals	2020
Reviewed Papers for Journals	2020

	2020
Reviewed Papers for Journals	2020
Reviewed Papers for Journals Impact Factor: 4.664	
Reviewed Papers for Journals	2020
Impact Factor: 3.745	2020
Reviewed Papers for Journals Impact Factor: 1.42	
Reviewed Papers for Journals Impact Factor: 2.327	2020
Reviewed Papers for Journals Impact Factor: 4.098	2020
Reviewed Papers for Journals Impact Factor: 4.098	2020
Reviewed Papers for Journals Impact Factor: 10.35	2019
Reviewed Papers for Journals	2019
Impact Factor: 5.86	2019
Reviewed Papers for Journals Impact Factor: 4.664	
Reviewed Papers for Journals Impact Factor: -	2019
Reviewed Papers for Journals	2019
Impact Factor: 4.098 Edited Journal Issue / Proceeding / Book	2019
Impact Factor: 2.5	2019
Reviewed Papers for Journals Impact Factor: 4.664	2013
Reviewed Papers for Journals Impact Factor: 4.664	2019
Reviewed Papers for Journals Impact Factor: 4.09	2019
Reviewed Papers for Journals	2019
Impact Factor: 4.664	2019
Reviewed Papers for Journals	

	2019
Reviewed Papers for Journals Impact Factor: 4.098	
Reviewed Papers for Journals Impact Factor: -	2019
Reviewed Papers for Journals	2019
Impact Factor: 2.111	2019
Reviewed Papers for Journals Impact Factor: 4.098	2019
Reviewed Papers for Journals Impact Factor: 2.627	2010
Editor in Chief of Journal	2019
Reviewed Papers for Journals Impact Factor: 4.098	2019
Reviewed Papers for Journals Impact Factor: 4.098	2019
Reviewed Papers for Journals	2019
Impact Factor: 3.557	2019
Reviewed Papers for Journals Impact Factor: 3.557	
Reviewed Papers for Journals Impact Factor: 1.092	2018