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Editorial Preview

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Abstract - This editorial highlights all 18 papers in the June issue that deal with the practical aspects of Machine Learning (ML), Artificial Intelligence (AI), Data Mining (DM), the Internet of Things (IoT), Computer Vision, e-learning, and other topics in Computer Science. This issue also includes suggestions for several worthwhile works that deserve further research. With effective from our third volume first issue, we will be publishing triannually in February, June and October.

Keywords—Editorial Preview, Artificial Intelligence, Data Mining, Internet of Things, Computer Vision, e-Learning

PREVIEW

In this issue, we cover eighteen papers selected papers from various countries such as Malaysia, United Kingdom, Pakistan, Nigeria, China, and Indonesia. These papers are: Facial Skin Analysis in Malaysians using YOLOv5: A Deep Learning Perspective [1], Classroom Environment Analysis Via Internet of Things [2], Real Time 3D Internal Building Directory Map [3], Assessing the Efficiency of Deep Learning Methods for Automated Vehicle Registration Recognition for University Entrance [4], Streamlining Dental Clinic Management for Effective Digitisation Productivity and Usability [5], Knowledge-based Word Tokenization System for Urdu [6], Sentiment Analysis in Social Media: A Case Study of Hike in University School Fees in Selected Nigerian Universities [7], A Bilingual Immersive Environment for Kids Learning [8], Unveiling the Efficacy of AI-based Algorithms in Phishing Attack Detection [9], Ensemble Learning-Powered URL Phishing Detection: A Performance Driven Approach [10], Secure Room-Sharing Decentralized App Development on Ethereum Block Chain Using Smart Contracts [11], Temporal Climatic Shifts in Henan Province: A 16-decades Perspective Through Regression, SARIMA, and NAR Modeling [12], Social Messaging Application with Translation and Speech-to-Text Transformation [13], Development and Validation of Autotronic Training Module for Automobile Technology Students in Polytechnics in Southern Nigeria [14], Performance Evaluation of YOLO Models in Plant Disease Detection [15], Wix for Web Development and the Application of the Waterfall Model and Project Based Learning for Project Completion: A Case Study [16], Ensemble-SMOTE: Mitigating Class Imbalance in Graduate on Time Detection [17], and Empirical Analysis of CI/CD Tools Usage in GitHub Actions Workflows [18].

Last but not least, we wish to invite your ideas and suggestions about what themes may be of interest (you are encouraged to contact us to lead a theme session in our regular issue), and we encourage you to think about contributing articles to the Journal of Informatics and Web Engineering.



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REFERENCES

- [1] Y.H. Gan, S.Y. Ooi, Y.H. Pang, Y.H. Tay, Q.F. Yeo, "Facial Skin Analysis in Malaysians using YOLOv5: A Deep Learning Perspective", Journal of Informatics and Web Engineering, vol. 3(2), pp. 1-18, 2024.
- [2] K.Y. Tan, K.W. Ng, K. Ramasamy, "Classroom Environment Analysis Via Internet of Things", Journal of Informatics and Web Engineering, vol. 3(2), pp. 19-36, 2024.
- [3] Z.Y. Chia, P.Y. Goh, "Real Time 3D Internal Building Directory Map", Journal of Informatics and Web Engineering, vol. 3(2), pp. 41-54, 2024.
- [4] M.S. Irsyad, Z.C. Embi, K.I. Ghauth, "Assessing the Efficiency of Deep Learning Methods for Automated Vehicle Registration Recognition for University Entrance", Journal of Informatics and Web Engineering, vol. 3(2), pp. 5-69, 2024.
- [5] S.B. Ho, E.Y. Chew, C.H. Tan, "Streamlining Dental Clinic Management for Effective Digitisation Productivity and Usability", Journal of Informatics and Web Engineering, vol. 3(2), pp. 70-85, 2024.
- [6] A. Khan, K. Khan, W. Khan, S.N. Khan, R. Haq, "Knowledge-based Word Tokenization System for Urdu", Journal of Informatics and Web Engineering, vol. 3(2), pp. 86-97, 2024.
- [7] A.O. Aremu, I. Muhammad, "Sentiment Analysis in Social Media: A Case Study of Hike in University School Fees in Selected Nigerian Universities", Journal of Informatics and Web Engineering, vol. 3(2), pp. 98-104, 2024.
- [8] T. Ahmad, A. Bibi, U. Farooq, I. Rabbi, "A Bilingual Immersive Environment for Kids Learning", Journal of Informatics and Web Engineering, vol. 3(2), pp. 105-115, 2024.
- [9] T. Shahzad, K. Aman, "Unveiling the Efficacy of AI-based Algorithms in Phishing Attack Detection", Journal of Informatics and Web Engineering, vol. 3(2), pp. 116-133, 2024.
- [10] S. Mushtaq, T. Javed, M.M. Su'ud, "Ensemble Learning-Powered URL Phishing Detection: A Performance Driven Approach", Journal of Informatics and Web Engineering, vol. 3(2), pp. 134-145, 2024.
- [11] H. Raza, R. Ali, J. Iqbal, M. Awais, "Secure Room-Sharing Decentralized App Development on Ethereum Block Chain Using Smart Contracts", Journal of Informatics and Web Engineering, vol. 3(2), pp. 146-158, 2024.
- [12] Q. Lin, L.W. Ang, Y. Shao, S. Palaniappan, "Temporal Climatic Shifts in Henan Province: A 16-decades Perspective Through Regression, SARIMA, and NAR Modeling", Journal of Informatics and Web Engineering, vol. 3(2), pp. 159-168, 2024.
- [13] K.Q. Yip, P.Y. Goh, L.Y. Chong, "Social Messaging Application with Translation and Speech-to-Text Transformation", Journal of Informatics and Web Engineering, vol. 3(2), pp. 169-187, 2024.
- [14] B.P. Saue, O.N. Chukuigwe, I.S. Bassey, "Development and Validation of Autotronic Training Module for Automobile Technology Students in Polytechnics in Southern Nigeria", Journal of Informatics and Web Engineering, vol. 3(2), pp. 188-198, 2024.
- [15] U. Ali, M.A. Ismail, R.A.A. Habeeb, S.R.A. Shah, "Performance Evaluation of YOLO Models in Plant Disease Detection", Journal of Informatics and Web Engineering, vol. 3(2), pp. 199-211, 2024.
- [16] M. Madiah, K.X. Ng, Y.W. Tan, Z.H. Tan, Z.T. Chong, J.X. Chan, "Wix for Web Development and the Application of the Waterfall Model and Project Based Learning for Project Completion: A Case Study ", Journal of Informatics and Web Engineering, vol. 3(2), pp. 212-228, 2024.
- [17] T.J. Law, C.Y. Ting, H. Ng, H.N. Goh, A. Quek, "Ensemble-SMOTE: Mitigating Class Imbalance in Graduate on Time Detection", Journal of Informatics and Web Engineering, vol. 3(2), pp. 229-250, 2024.
- [18] A.R. Faqih, A. Taufiqurrahman, J.H. Husen, M.K. Sabariah, "Electric Vehicle Health Monitoring with Electric Vehicle Range Prediction and Route Planning", Journal of Informatics and Web Engineering, vol. 3(2), pp. 251-261, 2024.