

DR. NOOR HAFHIZAH ABD RAHIM

ASSOCIATE PROFESSOR

Dr. Noor Hafhizah Abd Rahim's research focuses on artificial intelligence, particularly in text analytics, deep learning, and machine learning. Her current project involves developing multimodal models for enhanced fake news detection, integrating multiple data sources for improved accuracy. This work aligns with her broader goal of using AI to address complex societal challenges.



RESEARCHER PROFILE

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EDUCATION

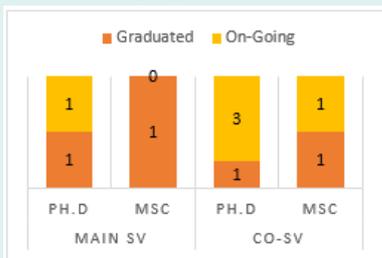


- Ph.D in Artificial Intelligence, University of Bristol, UK
- Master of Computer Science, Universiti Malaya, Malaysia
- BSc (Hons), Universiti Kebangsaan Malaysia.

AREAS OF EXPERTISE

- Artificial Intelligence
- Deep Learning
- Machine Learning
- Natural Language Processing

SUPERVISION



COLLABORATORS



CONTACT

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SELECTED RESEARCH PROJECTS

- ✓ Fundamental Research Grant Scheme (FRGS) from Ministry of Higher Education Malaysia. A New Multimodal Fake News Detection using Hybrid Deep Learning Method. (2023 - 2026). RM128,000.
- ✓ Fundamental Research Grant Scheme for Research Acculturation of Early Career Researchers (RACER) from Ministry of Higher Education Malaysia. A Hybrid Model for Online Fake News Detection. (2019-2022). RM60,000.
- ✓ Tabung Penyelidik Muda (TPM) from Universiti Malaysia Terengganu. A Ship Monitoring Tool with Automatic Identification System (AIS) using Principal Component Analysis (PCA) and Fuzzy Formal Lattices. (2016-2018). RM23,500.

SELECTED PUBLICATIONS

- ✓ A.M. Al Sbou, and **N.H. Abd Rahim** (2023). An Improved Hybrid Semi-Stacked Autoencoder for Item-Features of Recommendation System (iHSARS), Indonesian Journal of Electrical Engineering and Computer Science.30(1), pp. 481-490. SCOPUS-indexed.
- ✓ M.S.H. Basri and **N.H. Abd Rahim**. (2022). Hybrid Ensemble Model for Fake News Detection. Journal of Theoretical and Applied Information Technology, 100(14), pp. 5253 - 5262. SCOPUS-indexed.
- ✓ A.M. Al Sbou, and **N.H. Abd Rahim**. (2022). Performance Comparison of Three Different Types of Autoencoders Using Recommendation Systems. Journal of Theoretical and Applied Information Technology, 100(6), pp. 1673 - 1683. SCOPUS-indexed.
- ✓ Al-Rawashdeh, G., Mamat, R., & **N.H. Abd Rahim**. (2019). Hybrid Water Cycle Optimization Algorithm with Simulated Annealing for Spam E-mail Detection. IEEE Access, 7, 143721-143734. WoS-indexed.
- ✓ Jalil, M. M. Abdul, Ismailov, A, **N. H. Abd Rahim**, Abdullah, Z. (2017). The Development of the Uzbek Stemming Algorithm. Advanced Science Letters. 23(5). pp. 4171-4174. SCOPUS-indexed.

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