Date: 5/5/2025

CURRICULUM VITAE

Personal information

Faculty Member Name: Dyala Rasheed Subhi Ibrahim
Academic Rank: Assistant Professor
College: Information Technology
Department: Cybersecurity
Nationality: Jordanian
Address: Jordan-Amman
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Academic Qualifications

Degrees with fields, institution, and date

- B.S. in program, university, year. Computer Information System (Good), Tafila Technical University, 2012
- M.Sc. in program, university, year. Computer Science: (Excellent Grade), Al-Zaytooneh University, 2017

Project / theses title:

- Ph.D. in program, university, year. Computer Science- Information SecurityUSM, Malaysia, 2021.

Dissertation title: (A Hybrid Two-Factor Authentication Approach based on Colour Visual Cryptography and Facial Recognition Optimized by Binary Dragonfly Algorithm),

Academic Experience

- Duration: 2021-2025
- University: Amman Arab University
  - Academic Rank: Assistant Professor
- College: Information Technology
- Country: Jordan

Non-Academic Experience

- Duration: 2013-2014
- Institution: AL-Nahdah School
- Department: IT

- Country: Jordan

Certifications or Professional Registrations

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Current Membership in Professional Organizations

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Honors and Awards

- In 2025, The best doctor in University (AWARD)

Service Activities

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The most Important Publications in last five years

1. 1. Ibrahim, D. R., Teh, J. S., & Abdullah, R. (2021). An overview of visual cryptography techniques. Multimedia Tools and Applications, 80, 31927-31952.
2. 2. Al-Ani, A. K., Anbar, M., Al-Ani, A., & Ibrahim, D. R. (2020). Match-prevention technique against denial-of-service attack on address resolution and duplicate address detection processes in IPv6 link-local network. IEEE Access, 8, 27122-27138.
3. 3. Ibrahim, D. R., Tamimi, A. A., & Abdalla, A. M. (2017, May). Performance analysis of biometric recognition modalities. In 2017 8th international conference on information technology (ICIT) (pp. 980-984). IEEE.
4. 4. Aladaileh, M. A., Anbar, M., Hintaw, A. J., Hasbullah, I. H., Bahashwan, A. A., Al-Amiedy, T. A., & Ibrahim, D. R. (2023). Effectiveness of an entropy-based approach for detecting low-and high-rate DDoS attacks against the SDN controller: Experimental analysis. Applied Sciences, 13(2), 775.
5. 5. Ibrahim, D. R., Teh, J. S., & Abdullah, R. (2021). Multifactor authentication system based on color visual cryptography, facial recognition, and dragonfly optimization. Information Security Journal: A Global Perspective, 30(3), 149-159.
6. 6. Ibrahim, D. R., Abdullah, R., & Teh, J. S. (2022). An enhanced color visual cryptography scheme based on the binary dragonfly algorithm. International Journal of Computers and Applications, 44(7), 623-632.
7. 7. Ibrahim, D. R., Abdullah, R., Teh, J. S., & Alsalibi, B. (2019, January). Authentication for ID cards based on colour visual cryptography and facial recognition. In Proceedings of the 3rd International Conference on Cryptography, Security and Privacy (pp. 164-167).

8. 8. Shehadeh, H. A., Jebril, I. H., Jaradat, G. M., Ibrahim, D., Sihwail, R., Al Hamad, H., ... & Alia, M. A. (2023). Intelligent Diagnostic Prediction and Classification System for Parkinson's Disease by Incorporating Sperm Swarm Optimization (SSO) and Density-Based Feature Selection Methods. International Journal of Advances in Soft Computing & Its Applications, 15(3).
9. 9. Ibrahim, D. R., Teh, J. S., & Abdullah, R. (2021). Improved Facial Recognition Algorithms Based on Dragonfly and Grasshopper Optimization. In Computational Science and Technology: 7th ICCST 2020, Pattaya, Thailand, 29–30 August, 2020 (pp. 101-116). Springer Singapore.
10. 10. Ibrahim, D. R., Shehadeh, H. A., Aladaileh, M. A., Alieyan, K., Jaradat, G. M., Telfah, W. A., & Wang, X. (2023, October). A hybrid facial recognition approach based on grasshopper optimization method. In AIP Conference Proceedings (Vol. 2979, No. 1). AIP Publishing.
11. 11. Mizher, M. A., Sihwail, R., Baker, M. B., Mazhar, A. A., Mizher, M. A., & Ibrahim, D. (2023, October). A review of cybersecurity for internet-of-things based on next generation healthcare networks. In AIP Conference Proceedings (Vol. 2979, No. 1). AIP Publishing.
12. 12. Ibrahim, D., Sihwail, R., Arrifin, K. A. Z., Abuthawabeh, A., & Mizher, M. (2023). A Novel Color Visual Cryptography Approach Based on Harris Hawks Optimization Algorithm. Symmetry 2023, 15, 1305.
13. 13. Sihwail, R., Al Ghamri, M., & Ibrahim, D. An Enhanced Model of Whale Optimization Algorithm and K-nearest Neighbors for Malware Detection.

Institutional Professional Development Activities in the last five years

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Research link (Scopus and Google Scholar)

- https://scholar.google.com/citations?user=FHK_C2YAAAAJ&hl=ar
- https://www.scopus.com/authid/detail.uri?authorId=57200158852

Languages

- Arabic
- English