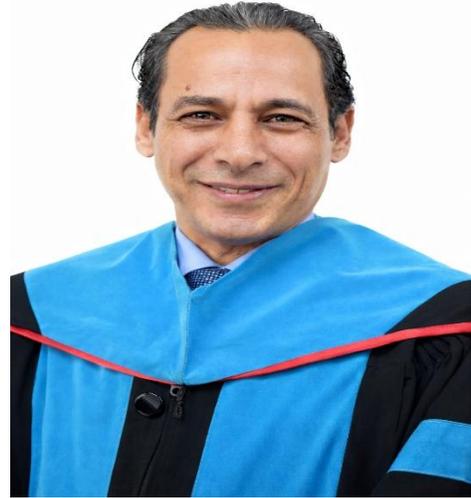


## CURRICULUM VITAE

**Dr. Mowafaq Salem Alzboon**

**Associate Professor of Computer Science**

Faculty of Information Technology  
Jadara University, Irbid 13115, Jordan



### **Contact Information**

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- **ResearchGate:** [Mowafaq Alzboon](https://www.researchgate.net/profile/Mowafaq-Alzboon)
- **Web of Science:** [KBA-3836-2024](https://www.webofscience.com/wos/author/uri/uri:asc:KBA-3836-2024)
- **Scopus Author ID:** [55837697300](https://www.scopus.com/authid/detail.uri?authorID=55837697300)

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### **PERSONAL PROFILE**

Dedicated academic with over 20 years of professional experience (including 12+ years in the Royal Jordanian Air Force) and 8+ years in higher education. I specialize in Artificial Intelligence, Cybersecurity, and Distributed Systems. I am a Founder of the International Foundation for Scientific Research. Recognized in the **Stanford University Top 2% Most Influential Scientists 2025** and contributed to Jadara University's **WURI 2024** global rankings. Extensive publication record (over 170 peer-reviewed articles, conference papers, book chapters, and preprints) and active service as reviewer, editorial board member, and conference organizer (including **IEEE SMILEs 2026**). Held administrative positions as **Vice Dean, Head of Computer Science, and Software Engineering** Department for both **master's and bachelor's degree** at the Faculty of Information Technology, Jadara University.

## EDUCATION

Degree	Field	Institution	Year	Thesis / Dissertation	Result
PhD	Computer Science (Computer Networks)	Universiti Utara Malaysia (UUM), Malaysia	2017	<i>SORDM: Self-Organizing Resource Discovery Mechanisms Based Peer to Peer in Shared Computing Infrastructures</i>	Excellent
MSc	Computer Science (Computer Networks Security)	Middle East University, Jordan	2012	<i>Towards Achieving Self-Load Balancing in Autonomic Overlay Networks</i>	GPA 3.67/4 (Excellent)
BSc	Computer Science (Computer Networks)	Arab Open University, Jordan	2009	-	GPA 3.67/4 (Excellent)
Secondary	Scientific Stream	Rehab Secondary School, Jordan	1999	-	-

## **PROFESSIONAL CERTIFICATIONS AND TRAINING**

<b>Certification</b>	<b>Issuing Organization</b>	<b>Date</b>
<b>Introduction to Cybersecurity</b>	<b>Cisco Networking Academy</b>	<b>2026</b>
<b>Endpoint Security</b>	<b>Cisco Networking Academy</b>	<b>2026</b>
<b>Python Essentials 1</b>	<b>Cisco Networking Academy in collaboration with OpenEDG Python Institute</b>	<b>2026</b>
<b>Python Essentials 2</b>	<b>Cisco Networking Academy in collaboration with OpenEDG Python Institute</b>	<b>2026</b>
<b>Networking Basics</b>	<b>Cisco Networking Academy</b>	<b>2026</b>
<b>JavaScript Essentials 2</b>	<b>Cisco Networking Academy in collaboration with OpenEDG JavaScript Institute</b>	<b>2026</b>

## **ACADEMIC APPOINTMENTS**

<b>Period</b>	<b>Position</b>	<b>Institution</b>
<b>2024 – Present</b>	<b>Associate Professor of Computer Science</b>	<b>Jadara University, Jordan</b>
<b>2017 – 2024</b>	<b>Assistant Professor of Computer Science</b>	<b>Jadara University, Jordan</b>

## **ADMINISTRATIVE POSITIONS**

<b>Position</b>	<b>Faculty</b>	<b>Institution</b>
<b>Vice Dean</b>	<b>Faculty of IT</b>	<b>Jadara University, Jordan</b>
<b>Head of Computer Science Department (BSc)</b>	<b>Faculty of IT</b>	<b>Jadara University, Jordan</b>
<b>Head of Software Engineering Department (MSc)</b>	<b>Faculty of IT</b>	<b>Jadara University, Jordan</b>
<b>Head of Software Engineering Department (BSc)</b>	<b>Faculty of IT</b>	<b>Jadara University, Jordan</b>

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## **OTHER PROFESSIONAL EXPERIENCE**

- **Royal Jordanian Air Force** – 20+ years (until ca. 2013)  
Various technical and leadership roles, including systems engineering, network management, and training.
- **Founder & Director** – International Foundation for Scientific Research  
Supporting academic research across diverse fields.

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## **RESEARCH INTERESTS**

- Artificial Intelligence & Machine Learning
- Deep Learning & Medical Image Analysis
- Cyber Security, Threat Intelligence, Automated Vulnerability Assessment
- Distributed Systems, Cloud Computing, Internet of Things (IoT)
- Autonomic Computing, P2P and Grid Computing
- AI in Healthcare and Smart Environments

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**TEACHING EXPERIENCE (Courses Taught)**

- Scientific Research Methodology
- Natural Language Processing (NLP)
- Principle of Information Systems
- Computer Networks
- Information Security
- Cloud Computing
- Research Methodology
- Computer and Network Maintenance
- Distributed Systems
- Human–Computer Interaction
- Operating Systems
- Networks Security
- Computer Skills
- Software Security
- Project Management Engineering
- Software Documentation

## SUPERVISION OF GRADUATE STUDENTS (MSc in Data Science and AI)

Student Name	Thesis Title	Status
<b>Marwan Al Zawahra</b>	<i>Seeing the Unseen: Real-Time Weakly Supervised Anomaly Detection in Surveillance Videos.</i>	Thesis readiness approved (Fall 2024/2025)
<b>Rahaf Taani</b>	<i>From Unstructured Text to Truth: Machine Learning Driven Fake News Detection.</i>	Thesis readiness approved (Summer 2025)
<b>Marzooq Al-Hadi</b>	<i>Leveraging Artificial Intelligence for Predictive Modeling of Global Coffee Price Dynamics.</i>	Thesis readiness approved (Fall 2025/2026)
<b>Mashhour Alabbas</b>	<i>Harnessing Machine Learning and Deep Learning for Analyzing Electrical Load Patterns to Identify Energy Loss</i>	Thesis readiness approved (Fall 2024/2025)
<b>Haytham Al-Aql</b>	<i>Igniting Precision: Real-Time Fire Detection via Deep Learning and Convolutional Neural Networks</i>	Thesis readiness approved (Fall 2024/2025)
<b>Zain Marashdeh</b>	<i>Intelligent Storytelling with Diffusion Models: A Unified Text-to-Video Framework with Audio-Visual Synchronization</i>	Proposal approved (2025)
<b>Naif Alabbas</b>	<i>A Deep Intelligence Model for Precise Visual Pollution Detection in Urban Spaces</i>	Proposal (2025)

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## **EDITORIAL & REVIEW ACTIVITIES**

- Volunteer reviewer for several peer-reviewed journals in Computer Science and Information Technology
- Editorial board member and reviewer for indexed journals in Artificial Intelligence and Computer Science
- Reviewer for international peer-reviewed journals and conferences

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## **CONFERENCE ORGANISATION**

<b>Role</b>	<b>Conference</b>	<b>Venue / Organiser</b>	<b>Date</b>
Organizing Committee Member	<b>IEEE SMILEs 2026</b> (Smart Multidomain Integrated Learning Environments)	Jadara University, Jordan	30 – 31 March 2026
Local Conference Chair	ICSDAA-2019	Jadara University, Jordan	1–3 Dec 2019
Conference Chair / Organizing & Scientific Committee	ICSDAA-2020	Canadian University of Dubai	6–8 Dec 2020
Technical Program Committee (TPC) Member	International Conference on Intelligent Engineering and Management (ICIEM-2020)	London, UK (IEEE UK & Ireland Section)	22–24 Apr 2020

Role	Conference	Venue / Organiser	Date
TPC Member	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)	Kuala Lumpur, Malaysia (IEEE Malaysian Section)	6–7 Nov 2024
TPC Member	9th International Conference on Information Technology Research (ICITR 2024)	University of Moratuwa, Sri Lanka	5–6 Dec 2024

**HONOURS & AWARDS**

- **Stanford University Top 2% Most Influential Scientists 2025** – Based on Elsevier data, in the main field of Information & Communication Technologies, subfield Artificial Intelligence & Image Processing (H-index: 12).
- **World University Rankings for Innovation (WURI) 2024** – Contributed to Jadara University’s rankings:
  - **28th globally** in Generative AI Applications (projects: *“Revolutionizing Education in Jordan”* and *“Integrating Generative AI for Pedagogical Enhancement”*)
  - **33rd globally** in Social Responsibility (projects: *“Education and Skills Development”* and *“Empowering Women in the Arab World”*)
  - **38th globally** in Leadership (project: *“Innovative Leadership Strategies for Women in Jordan”*)

## **PUBLICATIONS**

### **A. Peer-Reviewed Journal Articles**

1. Alzboon, M.S., Al-Batah, M.S. (2026). A clinically accessible heart disease prediction framework: Multi-model evaluation with ensemble learning and low-code deployment. *Discover Applied Sciences*.
2. Alzboon, M.S., Al-Batah, M.S., Alqaraleh, M., Alzboon, F., Alzboon, L. (2025). Guardians of the Web: Harnessing machine learning to combat phishing attacks. *Gamification and Augmented Reality*, 3, 91.
3. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). A comparative analysis of machine learning models for robust UAV-bird classification in aerial surveillance. *International Journal of Robotics and Control Systems*, 5(6), 2938–2956.
4. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). Beyond the horizon: Real-time UAV detection through machine learning innovations. *Multidisciplinary (Montevideo)*, 3, 1–49.
5. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). Optimizing resource discovery in grid computing: A hierarchical and weighted approach with behavioral modeling. *LatIA*, 3, 97.
6. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). Automated quantification of vesicoureteral reflux using machine learning with advancing diagnostic precision. *Data Metadata*, 4, 460.
7. Wahed, M.A., Alqaraleh, M., Alzboon, M.S. (2025). Application of artificial intelligence for diagnosing tumors in the female reproductive system: A systematic review. *Multidisciplinary (Montevideo)*, 3, 54.
8. Alzboon, M.S., Alqaraleh, M., Al-Batah, M.S. (2025). Diabetes prediction and management using machine learning approaches. *Data Metadata*.
9. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M. (2025). Superior classification of brain cancer types through machine learning techniques applied to magnetic resonance imaging. *Data and Metadata*, 4, 472.
10. Alzboon, M.S., Al-Batah, M.S., Alqaraleh, M. (2025). Phishing website detection using machine learning. *Gamification and Augmented Reality*, 3, 81.

11. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2024). Skywatch: Advanced machine learning techniques for distinguishing UAVs from birds in airspace security. *International Journal of Advanced Computer Science and Applications*, 15(11), 1065–1078.
12. Alzboon, M.S., Alqaraleh, M., Al-Batah, M.S. (2024). AI in the sky: Developing real-time UAV recognition systems to enhance military security. *Data Metadata*, 3, 417.
13. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M., Alzyoud, M., Al-Shanableh, N. (2024). Enhancing image cryptography performance with block left rotation operations. *Applied Computational Intelligence and Soft Computing*, 2024(1), 3641927.
14. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S., Wahed, M.A., Abuashour, A., Alsmadi, F.H. (2024). Harnessing machine learning for quantifying vesicoureteral reflux: A promising approach for objective assessment. *International Journal of Online and Biomedical Engineering*, 20(11), 123–145.
15. Alzboon, M.S., Al-Batah, M.S., Alqaraleh, M. (2023). Prostate cancer detection and analysis using advanced machine learning. *International Journal of Advanced Computer Science and Applications*, 14(8), 388–396.
16. Al-Batah, M.S., Alzboon, M.S., Alazaidah, R. (2023). Intelligent heart disease prediction system with applications in Jordanian hospitals. *International Journal of Advanced Computer Science and Applications*, 14(9), 508–517.
17. Alzboon, M.S., Al-Batah, M.S., Alqaraleh, M., Abuashour, A., Bader, A.F.H. (2023). Early diagnosis of diabetes: A comparison of machine learning methods. *International Journal of Online & Biomedical Engineering*, 19(15), 144–165.
18. Alzboon, M.S. (2022). Survey on patient health monitoring system based on internet of things. *Information Sciences Letters*, 11(4), 1183–1190.
19. Alzboon, M.S. (2022). Semantic text analysis on social networks and data processing: Review and future directions. *Information Sciences Letters*, 11(5), 1371–1384.
20. Alzboon, M.S., Alqaraleh, M.K., Aljarrah, E.M., Alomari, S.A. (2021). NodeXL tool for social network analysis. *Turkish Journal of Computer and Mathematics Education*, 12(14), 202–216.
21. Alomari, S.A., Alzboon, M.S., Zaqaibeh, B., Al-Batah, M.S. (2020). A novel adaptive schema to facilitates playback switching technique for video delivery in dense LTE

cellular heterogeneous network environments. *International Journal of Electrical and Computer Engineering*, 10(5), 5347–5367.

22. Alomari, S.A., Al Salaimh, S., Al Jarrah, E., Alzboon, M.S. (2020). Enhanced logistics information service systems performance: Using theoretical model and cybernetics' principles. *WSEAS Transactions on Business and Economics*, 17, 278–287.
23. Alomari, S.A., Alzboon, M.S., Zaqaibeh, B., Al-Batah, M.S. (2019). An effective self-adaptive policy for optimal video quality over heterogeneous mobile devices and network discovery services. *Applied Mathematics & Information Sciences*, 13(3), 489–505.
24. Al-Batah, M., Zaqaibeh, B., Alomari, S.A., Alzboon, M.S. (2019). Gene microarray cancer classification using correlation based feature selection algorithm and rules classifiers. *International Journal of Online & Biomedical Engineering*, 15(8), 62–73.
25. Shawawreh, S., Alomari, S.A., Alzboon, M.S., Al Salaimh, S. (2019). Evaluation of knowledge quality in the e-learning system. *International Journal of Engineering Research and Technology*, 12(4), 548–553.
26. Banikhalaf, M., Alomari, S.A., Alzboon, M.S. (2019). An advanced emergency warning message scheme based on vehicles speed and traffic densities. *International Journal of Advanced Computer Science and Applications*, 10(5), 201–205.
27. Alzboon, M.S. (2018). Internet of things between reality or a wishing-list: A survey. *International Journal of Engineering Research and Technology*, 6(3), 956–961.
28. Alzboon, M.S., Alomari, S.A., Al-Batah, M.S., Banikhalaf, M. (2017). The characteristics of the green internet of things and big data in building safer, smarter, and sustainable cities. *International Journal of Engineering Research and Technology*, 6(3), 83–92.
29. Mahmuddin, M., Alzboon, M.S., Arif, S. (2017). Dynamic network topology for resource discovery in shared computing infrastructure. *Advanced Science Letters*, 23(6), 5402–5405.
30. Arif, S., Alzboon, M.S., Mahmuddin, M. (2017). Distributed quadtree overlay for resource discovery in shared computing infrastructure. *Advanced Science Letters*, 23(6), 5397–5401.
31. Alzboon, M.S., Arif, A.S., Mahmuddin, M. (2016). Towards self-resource discovery and selection models in grid computing. *ARPJ Journal of Engineering and Applied Sciences*, 11(10), 6269–6274.

32. Alzboon, M.S., Mahmuddin, M., Arif, S. (2016). Towards self-organizing infrastructure: A new architecture for autonomic green cloud data centers. *ARPN Journal of Engineering and Applied Sciences*.
33. Abuashour, A., Alzboon, M.S., Alqaraleh, M.K. (2024). Comparative study of classification mechanisms of machine learning on multiple data mining tool kits. *American Journal of Biomedical Science and Research*, 22(1), 577–579.
34. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). Real-time UAV recognition through advanced machine learning for enhanced military surveillance. *Gamification and Augmented Reality*, 3, 63.
35. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S. (2025). From complexity to clarity: Improving microarray classification with correlation-based feature selection. *LatIA*, 3, 84.
36. Wahed, M.A., Alqaraleh, M., Alzboon, M.S. (2025). AI Rx: Revolutionizing healthcare through intelligence, innovation, and ethics. *Seminars in Medical Writing and Education*, 4, 35.
37. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M., Alzaghoul, F.A. (2024). Comparative analysis of advanced data mining methods for enhancing medical diagnosis and prognosis. *Data Metadata*, 3(3), 83–92.
38. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S., Migdadi, H.S. (2024). Advanced landslide detection using machine learning and remote sensing data. *Data Metadata*, 3.
39. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M. (2025). Improving oral cancer outcomes through machine learning and dimensionality reduction. *Data & Metadata*, 3.
40. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M., Abu-Arqoub, M.H., Marie, R.R. (2025). Classifying dental care providers through machine learning with features ranking. *Data & Metadata*, (accepted).
41. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M. (2025). Optimizing genetic algorithms with multilayer perceptron networks for enhancing tinyface recognition. *Data & Metadata*, 3.
42. Alqaraleh, M., Alzboon, M.S., Al-Batah, M.S., Al Aesa, L.Y., Abu-Arqoub, M.H., Marie, R.R., Alsmad, F.H. (2025). Machine learning-based quantification of vesicoureteral reflux with enhancing accuracy and efficiency. arXiv:2506.11508.

43. Altayar, M.A., Alqaraleh, M., Alzboon, M.S., Almagharbeh, W.T. (2025). Predicting blood type: Assessing model performance with ROC analysis. arXiv:2506.02062.
  44. Altayar, M.A., Alqaraleh, M., Alzboon, M.S., Almagharbeh, W.T. (2025). Revolutionizing blood banks: AI-driven fingerprint-blood group correlation for enhanced safety. arXiv:2506.01069.
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## **B. Conference Proceedings**

1. Al-Oqily, I., Alzboon, M., Al-Shemery, H., Alsarhan, A. (2013). Towards autonomic overlay self-load balancing. In *2013 10th International Multi-Conference on Systems, Signals & Devices (SSD13)*, pp. 1–6. IEEE.
2. Alzboon, M.S., Arif, S., Mahmuddin, M., Dakkak, O. (2015). Peer to peer resource discovery mechanisms in grid computing: A critical review. In *The 4th International Conference on Internet Applications, Protocols and Services (NETAPPS2015)*, pp. 48–54.
3. Alzboon, M.S., Mahmuddin, M., Arif, S. (2016). Challenges and mitigation techniques of grid resource management system. In *National Workshop on Future Internet Research (FIRES2016)*, pp. 1–6.
4. Alzboon, M.S., Mahmuddin, M., Arif, S. (2019). Resource discovery mechanisms in shared computing infrastructure: A survey. In *International Conference of Reliable Information and Communication Technology*, pp. 545–556. Springer.
5. Alzboon, M.S., Qawasmeh, S., Alqaraleh, M., Abuashour, A., Bader, A.F., Al-Batah, M. (2023). Pushing the envelope: Investigating the potential and limitations of ChatGPT and artificial intelligence in advancing computer science research. In *2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)*, pp. 1–6. IEEE.
6. Alzboon, M.S., Qawasmeh, S., Alqaraleh, M., Abuashour, A., Bader, A.F., Al-Batah, M. (2023). Machine learning classification algorithms for accurate breast cancer diagnosis. In *2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)*, pp. 1–8. IEEE.
7. Alzboon, M.S., Bader, A.F., Abuashour, A., Alqaraleh, M.K., Zaqaibeh, B., Al-Batah, M. (2023). The two sides of AI in cybersecurity: Opportunities and challenges. In *2023*

*International Conference on Intelligent Computing and Next Generation Networks (ICNGN)*. IEEE.

8. Alzboon, M.S., Al-Batah, M., Alqaraleh, M., Abuashour, A., Bader, A.F. (2023). A comparative study of machine learning techniques for early prediction of diabetes. In *2023 IEEE 10th International Conference on Communications and Networking (ComNet)*, pp. 1–12.
9. Alzboon, M.S., Al-Batah, M., Alqaraleh, M., Abuashour, A., Bader, A.F. (2023). A comparative study of machine learning techniques for early prediction of prostate cancer. In *2023 IEEE 10th International Conference on Communications and Networking (ComNet)*.
10. Wahed, M.A., Alzboon, M.S., Alqaraleh, M., Ayman, J., Al-Batah, M., Bader, A.F. (2024). Automating web data collection: Challenges, solutions, and python-based strategies for effective web scraping. In *2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS)*. IEEE.
11. Wahed, M.A., Alzboon, M.S., Alqaraleh, M., Halasa, A., Al-Batah, M., Bader, A.F. (2024). Technological innovations in autonomous vehicles: A focus on sensor fusion and environmental perception. In *2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS)*. IEEE.
12. Alzboon, M.S., Alqaraleh, M., Wahed, M.A., Alourani, A., Bader, A.F., Al-Batah, M. (2024). AI-driven UAV distinction: Leveraging advanced machine learning. In *2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS)*. IEEE.
13. Wahed, M.A., Alzboon, M.S., Alqaraleh, M., Halasa, A., Al-Batah, M., Bader, A.F. (2024). Comprehensive assessment of cybersecurity measures: Evaluating incident response, AI integration, and emerging threats. In *2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS)*. IEEE.
14. Wahed, M.A., Alzboon, M.S., Alqaraleh, M., Al-Batah, M., Bader, A.F., Wahed, S.A. (2024). Enhancing diagnostic precision in pediatric urology: Machine learning models for automated grading of vesicoureteral reflux. In *2024 7th International Conference on Internet Applications, Protocols, and Services (NETAPPS)*. IEEE.
15. Alqaraleh, M., Alzboon, M.S., Al-Batah, M., Migdadi, H.S., Saleh, O., Alazaidah, R., Elrashidi, A. (2024). Advanced machine learning models for real-time drone and bird differentiation in aerial surveillance systems. In *2024 25th International Arab Conference on Information Technology (ACIT)*, pp. 1–8.

16. Alqaraleh, M., Alzboon, M.S., Al-Batah, M., Migdadi, H.S., Saleh, O., Alazaidah, R., Elrashidi, A. (2024). Innovative machine learning solutions for automated kidney tumor detection in CT imaging through comparative analysis. In *2024 25th International Arab Conference on Information Technology (ACIT)*, pp. 1–9.
  17. Pathmanaban, J., et al. (2024). Phishing website detection using machine learning. In *Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024 (ICNWC 2024)*, p. 1.
  18. Wahed, M.A., Halasa, A., Alzboon, M.S. (2025). Enhancing real-time detection of distributed denial of service (DDoS) attacks on IoT infrastructure. In *2025 5th International Conference on Emerging Smart Technologies and Applications (eSmarTA)*, pp. 1–6.
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### **C. Book Chapters**

1. Al-Batah, M.S., Alzboon, M.S., Alqaraleh, M., Bader, A.F.H., Abuashour, A., Wahed, M.A., Kumar, A.V.S. (forthcoming). Ethical considerations and promising results: Exploring the implementation of AI in healthcare for improved medical practices. In *Handbook of Research on AI Driven Medical Imaging and Diagnosis*. AAP.
2. Abuashour, A., Alzboon, M.S., Alqaraleh, M., Bader, A.F.H., Wahed, M.A., Al-Batah, M.S., Kumar, A.V.S. (forthcoming). Driving innovation in healthcare exploring the integration of AI techniques in medical imaging analysis for enhanced diagnostics and patient care. In *Handbook of Research on AI Driven Medical Imaging and Diagnosis*. AAP.
3. Alka'awneh, S.M.N., Halim, H.A., Wahed, M.K.Y.A., Alqaraleh, M.K.S., Alzboon, M.S., Al-Shorman, H.M., Saatchi, S.G., Al-Momani, A.M., Alzyoud, M., Al-Hawary, S.I.S. (2025). Perceived security and privacy in artificial intelligence adoption: Extending TAM in the context of Jordanian SMEs. In *Intelligence-Driven Circular Economy – Volume 1*. Springer (Studies in Computational Intelligence).
4. Alqaraleh, M., Alzboon, M.S., Bader, A.F.H., Abuashour, A., Wahed, M.A., Al-Batah, M.S., Kumar, A.V.S. (forthcoming). Transforming healthcare through medical image analysis: An in-depth exploration of methods, advancements, and future directions. In *Handbook of Research on AI Driven Medical Imaging and Diagnosis*. AAP.
5. Alqaraleh, M.K.S., Alzboon, M.S., Al-Shorman, H.M., Wahed, M.K.Y.A., Saatchi, S.G., Abu thwaib, B.M.S., Alka'awneh, S.M.N., Al-Momani, A.M., Al-Hawary, S.I.S., Al-

hawajreh, K.M. (2025). Emerging technologies in the Middle East: Artificial intelligence adoption and performance expectancy in Jordanian SMEs. In *Intelligence-Driven Circular Economy – Volume 1*. Springer (Studies in Computational Intelligence).

6. Al-shanableh, N., Alqaraleh, M.K.S., Alzboon, M.S., Alka'awneh, S.M.N., Wahed, M.K.Y.A., Saatchi, S.G., Al-Shorman, H.M., Al-hawajreh, K.M., Al-Momani, A.M., Al-Hawary, S.I.S. (2025). Impact of user interface attractiveness on the willingness to use artificial intelligence among Jordanian SMEs. In *Intelligence-Driven Circular Economy – Volume 1*. Springer (Studies in Computational Intelligence).
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## **TECHNICAL SKILLS**

- **Operating Systems:** Windows, Linux
- **Programming Languages:** C++, Java, Visual Basic, Prolog, Python, JavaScript
- **Web Development:** PHP, MySQL
- **Databases:** Oracle 10g
- **Software & Tools:** Microsoft Office (Word, Excel, PowerPoint, Access, Visio), Microsoft Project, MATLAB, AutoCAD, NodeXL
- **Networking:** Network design, build, and maintenance
- **Research Tools:** Statistical analysis, machine learning frameworks (scikit-learn, TensorFlow, Keras), data mining tools

## **PERSONAL SKILLS**

- Excellent command of English and Arabic (IELTS passed)
  - Team worker, responsible, able to work under pressure
  - Self-development, problem-solving, enthusiastic, disciplined
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## **LANGUAGES**

- **Arabic:** Native
  - **English:** Excellent (reading, writing, speaking)
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## **REFERENCES**

**Available upon request.**

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