

CURRICULUM VITA

Saadaldeen Rashid Ahmed (Computer Science, Computer Eng, IT)

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PROFILE:

Enthusiastic and passionate academic with a strong interest in teaching and research. I obtained a bachelor's and MSc in information technology from Altinbas University (Turkey) and a PhD in computer engineering from Karabuk University (Turkey). Research interests include Artificial Intelligence, Machine Learning, Deep Learning, Computer vision, Computer Networks, Wireless Sensor Networks, and Wireless Body Area Networks as The Main Fields of Do Research work. I obtained the **Award Distinguished Researcher for the year 2022**.

EDUCATION

From 9/2013 To 7/2017	B. Sc., Computer Science, Department of Computer Sc., College of Computer Sc., and Math., Tikrit University, Salah AL-Den, IRAQ.
From 9/2017 To 2/2019	M. Sc., information technology, Graduate School of Science and Engineering, Altinbas University, Istanbul, Turkey.
From 9/2019 To 10/2023	Ph. D., Computer Engineering, Department of Computer Eng., College of Engineering, Karabuk University, Karabuk, Turkey.

WORK and TEACHIN EXPERIENCE

❖ 2010-2014

IT in EarthLink Company in Baiji, Salah AL-Deen, Iraq

❖ 2015-2017

Office Management in Zhiyar Company in Erbil, Iraq

❖ 2017

IT in Media Net Company in Erbil, Iraq

❖ 2019-2022

- **Lecturer** in Computer Science Department at Tikrit University.
- **Lecturer** in Al-Dur Institute in the Department of Medical Technologies at Northern Technical University.

❖ 2022

- **Editor and Chair in the conference** "4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, June 8-10, 2022 - Istanbul, Turkey"
- **Editor and Chair in the conference** '6th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 26-28, 2022, Radisson Blu Hotel, Ankara, Turkey."
- **Editor and Chair in conference**' International Conference on Artificial Intelligence of Things, Istanbul, Turkey | December 29-30, 2022."

❖ 2022/2023

- **Lecturer** in Computer Science Department at Bayan University in Erbil
- **Editor and Chair in the conference** "5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, June 8-10, 2023 - Istanbul, Turkey"
- **Editor in the conference**" Tikrit University 12th International Social and Human Sciences, July 25-24, 2023 - Istanbul, Turkey."

❖ 2023/2024

- **Head of department** in Computer Science Department at Bayan University in Erbil.
- **Editor and Chair in the conference** '7th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 26-28, 2023, Radisson Blu Hotel, Ankara, Turkey"
- **Editor and Chair in the conference** "7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), which will be held

from 23-25 November 2023, in İstanbul ISG Airport Hotel, Türkiye".

❖ **2024/2025**

- **Director Of Scientific Research** at Bayan University in Erbil.
- **Editor and organizer in the conference** " The 2nd International Conference on Frontiers in AI and Computational Technologies (FAICT), which will be held from December 24-25, 2024, in College of Education, University of Misan, Iraq".
- **Editor and organizer in the conference** " 1st International Conference on Data Science and Business Intelligence (ICDSBI-2025), which will be held from 8-9 January, 2025, in Technical College of Management- Middle Technical University, Baghdad, Iraq".
- **Editor and organizer in the conference** " 8th International Scientific Conference / 5th National Scientific Conference (IEC-SNC-2025), which will be held from April 14-15, 2025, in College of Education for Pure Sciences, University of Karbala, Iraq".

❖ **2025/2026**

- **Director Of Scientific Research** at Bayan University in Erbil.
- **Editor and organizer in the conference** " The Ninth Scientific Conference The Digital Age... Challenges and Ethical Responsibility Towards Digital Technology Under the Motto:Managing the Digital Future with Responsible Ethics, which will be held from December 3-4, 2025, in Bayan University , Erbil, Kurdistan, Iraq".

TECHNICAL QUALIFICATION:

1) OPERATING SYSTEM WORKED WITH

- Microsoft Windows and Microsoft Office

2) PROGRAMMING LANGUAGES WORKED WITH

- Java, Visual Basic, C, C++, Python, MATLAB.
- Scripting Languages: Java Script.

3) BACK-END DATABASE TOOL WORKED WITH

- MySQL, SQL Server 2008.

4) WEB TECHNOLOGIES

- PHP.
- C, C++, JAVA, MATLAB, Visual Basic.

❖ GOOD COMMUNICATION SKILLS.

Computer skills

Following is the list of computing skills in contrast to computer science and information technology.

- All the Simulation Tools used in Engineering Subjects are Artificial Intelligence, Machine Learning, and Computer Vision.
- Specialist in programming, especially in Python and MATLAB.
- Good knowledge and experience of MS Office (2013, 2016, XP Professional) to write reports, analyze information in Excel, and use

PowerPoint to illustrate studies and research.

- Extensive use of a wide range of platforms from Microsoft Windows 8 &10 Professional to Linux and Solaris.
- Advanced knowledge of search engine techniques.

LIST OF PUBLICATIONS AND CONFERENCES PRESENTED

Book chapters

- Saadaldeen Rashid Ahmed, Brwa Abdulrahman Abubaker, Mohammed Thakir MAHMOOD, “The Principles of Artificial Intelligence a Basic Guide” IGI, 2025, Accepted.

Peer-Reviewed Journals

- [1] Abdulmohsin, Z. S., Ahmed, S. R., & Hussein, K. A. (2024). Implementation of Patch-Wise Illumination Estimation for Multi-Exposure Image Fusion utilizing Convolutional Neural Network. Journal of Baghdad College of Economic sciences University, (75). Index Scopus.
- [2] Taha, T. A., Neamah, M. I., Ahmed, S. R., Taha, F. H., Bektaş, Y., Desa, H., ... & Hashim, A. M. (2024). Enhancing Multilevel Inverter Performance: A Novel Dung Beetle Optimizer-based Selective Harmonic Elimination Approach. Journal of Robotics and Control (JRC), 5(4), 944-953. Index Scopus Q2, (CiteScore: 6.3)
- [3] Bektaş, E., Aldabbagh, M. M., Ahmed, S. R., Hussain, A. S. T., Taha, T. A., Ahmed, O. K., ... & Hashim, A. M. (2024). Enhancing Harmonic Reduction in Multilevel Inverters using the Weevil Damage Optimization Algorithm. Journal of Robotics and Control (JRC), 5(3), 717-722. Index Scopus Q2, (CiteScore: 6.3)
- [4] S. R. Ahmed and E. Sonuç, “Evaluating the effectiveness of rationale-augmented convolutional neural networks for deepfake detection,” Soft Computing, Oct. 2023. (Impact Factor:4.4)
- [5] S. Rashid Ahmed Ahmed, I. Al Barazanchi, Z. A. Jaaz, and H. R. Abdulshaheed, “Clustering algorithms subjected to K-mean and gaussian mixture model on multidimensional data set,” Periodicals of Engineering and Natural Sciences (PEN), vol. 7, no. 2, p. 448, Jun. 2019. Index Scopus Q2, (CiteScore: 5.2)
- [6]S. Rashid Ahmed Ahmed, I. Al Barazanchi, A. Mhana, and H. R. Abdulshaheed, “Lung cancer classification using data mining and supervised learning algorithms on multi-dimensional data set,” Periodicals of Engineering and Natural Sciences (PEN), vol. 7, no. 2, p. 438, Jun. 2019. Index Scopus Q2, (CiteScore: 5.2)
- [7] M. Computing, Ahmed, S. R "Intelligent System for Predicting Behavior of electrical energy consumption," Computers, Materials & Continua, vol. 8, no. 3, pp. 204–215, 2019. (Impact Factor:2.4)
- [8] AHMED, Saadaldeen; FADHIL, M.; ABDULATEEF, S. Enhancing Reading Advancement Using Eye Gaze Tracking. Iraqi Journal for Electrical and Electronic

Engineering, 2020, 3d: 59-64. Index Scopus.

[9] AHMED, Moahmmmed Rashid, Saadaldeen Rashid Ahmed, et al. An expert system to predict eye disorder using deep convolutional neural network. Academic Platform Journal of Engineering and Science, 2021, 9.1: 47-52. Index Scopus

[10] AHMED, Saadaldeen Rashid Ahmed; SONUÇ, Emrullah. Deepfake detection using rationale-augmented convolutional neural network. Applied Nanoscience, 2021, 1-9. (Impact Factor:3.1)

[11] SHAKER, Atheel Sabih; AHMED, Saadaldeen Rashid. Information Retrieval for Cancer Cell Detection Based on Advanced Machine Learning Techniques. Al-Mustansiriyah Journal of Science, 2022, 33.3: 20-26. Index Scopus

[12] ABBOOD, Zainab Ali, et al. Speaker identification model based on deep neural networks. Iraqi Journal For Computer Science and Mathematics, 2022, 3.1: 108-114. Index Scopus Q2, (CiteScore: 3)

[13] Hussain, A. S. T., Hakim, B. A., Ahmed, S. R., Abed, T. H., Taha, T. A., Hasan, T. S., ... & Tawfeq, J. F. (2024). Unlocking Solar Potential: Advancements in Automated Solar Tracking Systems for Enhanced Energy Utilization. Journal of Robotics and Control (JRC), 5(4), 1018-1027. Index Scopus Q2, (CiteScore: 6.3)

[14] Ahmed, S. R. A., UÇAN, O. N., Duru, A. D., & Bayat, O. (2018). Breast cancer detection and image evaluation using augmented deep convolutional neural networks. Aurum journal of engineering systems and architecture, 2(2), 121-129. Index Scopus

[15] AL-QARAGHULI, Mohammed; AHMED, Saadaldeen; ILYAS, Muhammad. Encrypted vehicular communication using wireless controller area network. Iraqi Journal for Electrical and Electronic Engineering. SCEER, 2020, 17-24. Index Scopus.

[16] Mahmood, R. K., Mahameed, A. I., Lateef, N. Q., Jasim, H. M., Radhi, A. D., Ahmed, S. R., & Tupe-Waghmare, P. (2024). Optimizing Network Security with Machine Learning and Multi-Factor Authentication for Enhanced Intrusion Detection. Journal of Robotics and Control (JRC), 5(5), 1502-1524. Index Scopus Q2, (CiteScore: 6.3)

[17] Shihab, M. A., Marhoon, H. A., Ahmed, S. R., Al-Attar, B., Al-Sharify, M. T., & Sekhar, R. (2024). Towards Resilient Machine Learning Models: Addressing Adversarial Attacks in Wireless Sensor Network. Journal of Robotics and Control (JRC), 5(5), 1582-1602. Index Scopus Q2, (CiteScore: 6.3)

[18] Saadaldeen Rashid Ahmed, Adil Deniz Duru, Ogaz Bayat “Deepfake Detection in modeling Human Knowledge by using A Rationale-Augmented Convolutional Neural Network Approach” Computers, Materials & Continua, Accepted. (Impact Factor:2.4).

[19] Alaa Hammad, A., Adnan Falih, M., Ali Abd, S., & Rashid Ahmed, S. (2024). Detecting Cyber Threats in IoT Networks: A Machine Learning Approach. International Journal of Computing and Digital Systems, 16(1), 1-16. Index Scopus Q3, (CiteScore: 5.2).

- [20] Murad, N. M., Dawod, A. Y., Ahmed, S. R., Sekhar, R., & Shah, P. (2025). Enhancing Network Security: Leveraging Machine Learning for Integrated Protection and Intrusion Detection. *Intelligent Automation & Soft Computing*, 40. Index Scopus Q2.
- [21] Marhoon, H. A., Sagban, R., Oudah, A. Y., & Ahmed, S. R. (2025). A Barrier-Based Machine Learning Approach for Intrusion Detection in Wireless Sensor Networks. *Computers, Materials & Continua*, 82(3). (Impact Factor:2.4).
- [22] Hashim, W. A., Ahmed, S. R., Mahmood, M. T., Almaiah, M. A., Shehab, R., & AlAli, R. (2025). Optimizing Mobile Robot Path Planning with a Hybrid Crocodile Hunting and Falcon Optimization Algorithm. *Journal of Robotics and Control (JRC)*, 6(2), 543-552. Index Scopus Q2, (CiteScore: 6.3)
- [23] Othman, R. N., & Ahmed, S. R. (2025). Accelerating image analysis using AI-Driven methods: enhancing speed and accuracy in autonomous vehicle system. *Pure Sciences International Journal of Kerbala*, 2(5), 72-84. Index Scopus
- [24] Alnajjar, A. B., Farhan, M. K., & Ahmed, S. R. (2025). Chat GPT-4: Methods, Applications, and Ethical Concerns of an Advanced Language Model. *Pure Sciences International Journal of Kerbala*, 2(5), 62-71. Index Scopus
- [25] Sagban, R., Marhoon, H. A., & Ahmed, S. R. (2024). Enhanced Diagnostic Precision: Deep Learning for Tumors Lesion Classification in Dermatology. *Intelligent Automation & Soft Computing*, 39(6).
- [26] Khalaf Hussein, Y., Saud Abd, N., & Rashid Ahmed, S. (2024). Towards Safer Roads: An Automated Traffic Control System with Enhanced Vehicle Speed Detection and Measurement Algorithm. *International Journal of Computing and Digital Systems*, 16(1), 1-15.
- [27] Isam Bahaa Aldallal, Abdullahi Abdu Ibrahim, Saadaldeen Rashid Ahmed. (2025). An Intelligent Multi-Stage GA-SVM Hybrid Optimization Framework for Feature Engineering and Intrusion Detection in Internet of Things Networks, *Computers, Materials & Continua*. Index Scopus and SCI
- [28] Sheikhi, O., Basem, A., Marzban, A., Singh, N. S. S., Akbari, O. A., **Ahmed, S. R.**, ... & Naseri, H. (2026). An examination of the entropy generation of nanofluids and the natural convection dynamics within a circular cavity influenced by a cold fluid jet. *International Journal of Thermal Sciences*, 220, 110407.
- [29] Sarmad Dheyaa Azeez, Saadaldeen Ahmed, Muhammad Ilyas, Abu Saleh Musa Miah, Fahmid Al Farid, Hezerul Abdul Karim. (2026). IntrusionNet: Deep Learning-Based Hybrid Model for Detection of Known and Zero-Day Attacks, *Computers, Materials & Continua*. Index Scopus and SCI
- [30] Sarmad Dheyaa Azeez, Muhammad Ilyas, Saadaldeen Rashid Ahmed. (2026). Graph Neural Networks with Multi-Head Attention and SHAP-Based Explainability for Robust, Interpretable, and High-Throughput Intrusion Detection in 5G-Enabled Software Defined Network. *Computers, Materials & Continua*. Index Scopus and SCI

Peer-Reviewed Conference Proceedings

- [1] Miah, A. S. M., Ahmed, S. R. A., Ahmed, M. R., Bayat, O., Duru, A. D., & Molla, M. K. I. (2019, April). Motor-Imagery BCI task classification using Riemannian geometry and averaging with mean absolute deviation. In 2019 Scientific Meeting on Electrical-Electronics & Biomedical Engineering and Computer Science (EBBT) (pp. 1-7). IEEE.
- [2] WALEED, Mohammed; ABDULLAH, Ahmed S.; AHMED, Saadaldeen R. Classification of Vegetative pests for cucumber plants using artificial neural networks. In: 2020 3rd International Conference on Engineering Technology and its Applications (IICETA). IEEE, 2020. p. 47-51.
- [3] MAHMOOD, Mohammed Thakir; AHMED, Saadaldeen Rashid Ahmed; AHMED, Moahmmmed Rashid Ahmed. Using machine learning to secure IOT systems. In: 2020 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT). IEEE, 2020. p. 1-7.
- [4] AHMED, Saadaldeen Rashid Ahmed, et al. Energy improvement using Massive MIMO for soft cell in cellular communication. In: IOP Conference Series: Materials Science and Engineering. IOP Publishing, 2020. p. 032009.
- [5] AHMED, Saadaldeen Rashid, et al. Android application to retrieve car details from car plate numbers. In: IOP Conference Series: Materials Science and Engineering. IOP Publishing, 2020. p. 032026.
- [6] ABDULATEEF, Salwa Khalid; AHMED, Saadaldeen Rashid Ahmed; SALMAN, Mohanad Dawood. A novel food image segmentation based on homogeneity test of K-means clustering. In: IOP Conference Series: Materials Science and Engineering. IOP Publishing, 2020. p. 032059.
- [7] MAHMOOD, Mohammed Thakir; AHMED, Saadaldeen Rashid Ahmed; AHMED, Mohammed Rashid Ahmed. Detection of vehicle with Infrared images in Road Traffic using YOLO computational mechanism. In: IOP Conference Series: Materials Science and Engineering. IOP Publishing, 2020. p. 022027.
- [8] ZOBAED, Talha, et al. Real time sleep onset detection from single channel EEG signal using block sample entropy. In: IOP Conference Series: Materials Science and Engineering. IOP Publishing, 2020. p. 032021.
- [9] Shabeeb, Dhulfiqar Mohammed Saad, Saadaldeen Rashid Ahmed Ahmed, and Abdullahi Abdu Ibrahim. "Image Processing Encryption." IOP Conference Series: Materials Science and Engineering. Vol. 928. No. 2. IOP Publishing, 2020.
- [10] ALKARAGOLE, Mohammed; KARIM, Sulaiman M.; AHMED, Saadaldeen Rashid. A New Approach To Study The Challenges Of E-Learning Advantages And Disadvantage. In: Journal of Physics: Conference Series. IOP Publishing, 2021. p. 012135.
- [11] KHALAF, Luay Ibrahim, Saadaldeen Rashid Ahmed, et al. Survey On Recognition

Hand Gesture By Using Data Mining Algorithms. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-4.

[12] AL BARAZANCHI, Israa, Saadaldeen Rashid Ahmed, et al. Blockchain: The Next Direction of Digital Payment in Drug Purchase. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-7.

[13] AHMED, OlaF; THAHER, Raad H.; AHMED, Saadaldeen Rashid. Design and fabrication of UWB microstrip Antenna on different substrates for wireless Communication system. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-4.

[14] SHABAN, Abdullah Ibrahim; FARHAN, Marwan Abdulhussein; AHMED, Saadaldeen Rashid. Building a Smart System for Preservation of Government Records in Digital Form. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-6.

[15] Saadaldeen Rashid Ahmed, et al. Classify Bird Species Audio by Augment Convolutional Neural Network. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-6.

[16] AHMED, Saadaldeen Rashid, et al. Analysis Survey on Deepfake detection and Recognition with Convolutional Neural Networks. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-7.

[17] ALI, Salam Abdulabbas Ganim, Saadaldeen Rashid Ahmed et al. A Descriptive Statistical Analysis of Overweight and Obesity Using Big Data. In: 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA). IEEE, 2022. p. 1-6.

[18] Niu, Y., Habeeb, F. A., Mansoor, M. S. G., Gheni, H. M., Ahmed, S. R., & Radhi, A. D. (2022, October). A Photovoltaic Electric Vehicle Automatic Charging and Monitoring System. In 2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 241-246). IEEE.

[19] YASEEN, Baraa Taha; KURNAZ, Sefer; AHMED, Saadaldeen Rashid. Detecting and Classifying Drug Interaction using Data mining Techniques. In: 2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT). IEEE, 2022. p. 952-956.

[20] Abdulateef, O. G., Abdullah, A. I., Ahmed, S. R., & Mahdi, M. S. (2022, October). Vehicle License Plate Detection Using Deep Learning. In 2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 288-292). IEEE.

[21] Satea, H. D., Ibrahim, A. A., Faiq, M., Abbood, Z. A., & Ahmed, S. R. (2023, March). Similarity measurement's comparison with mapping and localization in large-

scale. In AIP Conference Proceedings (Vol. 2591, No. 1, p. 030029). AIP Publishing LLC.

[22] Ahmed, S. R., Ahmed, A. K., & Jwmaa, S. J. (2023, June). Analyzing The Employee Turnover by Using Decision Tree Algorithm. In 2023 5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-4). IEEE.

[23] N. Z. Mahmood, S. R. Ahmed, A. F. Al-Hayaly, S. Algburi and J. Rasheed, "The Evolution of Administrative Information Systems: Assessing the Revolutionary Impact of Artificial Intelligence," 2023 7th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkiye, 2023, pp. 1-7.

[24] M. A. Shihab, S. A. Aswad, R. N. Othman and S. R. Ahmed, "Advancements and Challenges in Networking Technologies: A Comprehensive Survey," 2023 7th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkiye, 2023, pp. 1-5

[25] Ahmed, O. F., Thaher, R. H., & Ahmed, S. R. (2023, December). Design and fabrication of broadband microstrip antenna on various substrates. In AIP Conference Proceedings (Vol. 2834, No. 1). AIP Publishing.

[26] B. A. Abubaker, S. R. Ahmed, A. T. Guron, M. Fadhil, S. Algburi, and B. F. Abdulrahman, "Spiking Neural Network for Enhanced Mobile Robots' Navigation Control," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Nov. 2023.

[27] H. I. Zaynal, A.-S. T. Hussain, T. A. Taha, Alaa. A. Yass, S. R. Ahmed, and S. A. Ahmed, "High Pressure Water Solar Collector as Potential of Mini Steam Power Plant in Iraq," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Nov. 2023.

[28] A. K. Ahmed, S. Q. Younus, S. R. Ahmed, S. Algburi, and M. A. Fadhel, "A Machine Learning Approach to Employee Performance Prediction within Administrative Information Systems," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Nov. 2023.

[29] A.-S. T. Hussain, T. A. Taha, S. R. Ahmed, S. A. Ahmed, O. K. Ahmed, and H. Desa, "Automated RFID-Based Attendance and Access Control System for Efficient Workforce Management," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Nov. 2023

[30] M. H. B. A. Alkareem, F. Q. Nasif, S. R. Ahmed, L. D. Miran, S. Algburi, and M. T. ALmashhadany, "Linguistics for Crimes in the World by AI-Based Cyber Security," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Nov. 2023.

[31] Abdulmohsin, Z. S., Ahmed, S. R., & Hussein, K. A. (2024). Implementation of Patch-Wise Illumination Estimation for Multi-Exposure Image Fusion utilizing Convolutional Neural Network. Journal of Baghdad College of Economic sciences

University, (75).

[32] T. A. Taha, Y. Bektaş, N. T. Mahmood, A. -S. T. Hussain, O. K. Ahmed and S. A. Ahmed, "Real Time Faults Transformer Protection System by Using Integrated Microcontroller," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Istanbul, Turkiye, 2023, pp. 1-7, doi: 10.1109/ISAS60782.2023.10391516.

[33] S. A. Ahmed, A. -S. T. Hussain, M. Fadhil, T. A. Taha, H. Desa and O. K. Ahmed, "Optimization of Wireless Power Transmission through Resonant Coupling," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Istanbul, Turkiye, 2023, pp. 1-4, doi: 10.1109/ISAS60782.2023.10391572.

[34] T. A. Taha, M. Fadhil, A. -S. T. Hussain, S. A. Ahmed, H. Desa and M. M. Mohammedshakir, "Wireless Power Transfer for Smart Power Outlet," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Istanbul, Turkiye, 2023, pp. 1-4, doi: 10.1109/ISAS60782.2023.10391618.

[35] A. -S. T. Hussain, M. Fadhil, T. A. Taha, O. K. Ahmed, S. A. Ahmed and H. Desa, "GPS and GSM Based Vehicle Tracking System," 2023 7th International Symposium on Innovative Approaches in Smart Technologies (ISAS), Istanbul, Turkiye, 2023, pp. 1-5, doi: 10.1109/ISAS60782.2023.10391720.

[36] O. F. Ahmed, R. H. Thaher, and S. R. Ahmed, "Design and fabrication of broadband microstrip antenna on various substrates," AIP Conference Proceedings, 2023, doi: 10.1063/5.0163187.

[37] S. K. Sulaiman, Y. S. Jghef, A. I. Abdullah, and S. R. Ahmed, "Statistical Data Mining Methods in Predicting Happiness and Habits," ITM Web of Conferences, vol. 64, p. 01019, 2024, doi: 10.1051/itmconf/20246401019

[38] Ahmed, S. R., Taha, T. A., Karim, S. M., Shah, P., Hussain, A. S. T., Itankar, N., ... & Ahmed, O. K. (2024, January). Solar Street Lighting Revolution: A Sustainable Approach Enabled by AIoT and Smart Systems. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 378-390). Cham: Springer Nature Switzerland.

[39] Ahmed, S. R., Hussain, A. S. T., Majeed, D. A., Jghef, Y. S., Tawfeq, J. F., Taha, T. A., ... & Ahmed, O. K. (2024, January). Machine Learning for Sustainable Power Systems: AIoT-Optimized Smart-Grid Inverter Systems with Solar Photovoltaics. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 368-378). Cham: Springer Nature Switzerland.

[40] Ahmed, S. R., Fadhil, M., Sekhar, R., Hussain, A. S. T., Itankar, N., Tawfeq, J. F., ... & Ahmed, S. A. (2024, January). Instant High Starting Current Protection System for Induction Motor Based Reducing the Starting Speed. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 286-294). Cham: Springer Nature Switzerland.

[41] Ahmed, S. R., Hussain, A. S. T., Tawfeq, J. F., Sulaiman, S. K., Sekhar, R., Solke,

N., ... & Ahmed, S. A. (2024, January). Optimizing Solar Energy Harvesting: A Comprehensive Study on Photovoltaic Tracking Systems and Their Impact on Renewable Energy Efficiency. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 246-253). Cham: Springer Nature Switzerland.

[42] Ahmed, S. R., Taha, T. A., Othman, R. N., Hussain, A. S. T., Tawfeq, J. F., Sekhar, R., ... & Attieya, M. M. (2024, January). Integrating AIoT and Machine Learning for Enhanced Transformer Overload Power Protection in Sustainable Power Systems. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 391-400). Cham: Springer Nature Switzerland.

[43] Awad, O. F., Ahmed, S. R., Shaker, A. S., Majeed, D. A., Hussain, A. S. T., & Taha, T. A. (2024, January). Human Activity Recognition Using Convolutional Neural Networks. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 258-274). Cham: Springer Nature Switzerland.

[44] Ahmed, S. R., Hussain, A. S. T., Shah, P., Sulaiman, S. K., Itankar, N., Taha, T. A., & Ahmed, O. K. (2024, January). Machine Learning-Driven Three-Phase Current Relay Protection System for Small Transient Periods in Sustainable Power Systems. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 359-367). Cham: Springer Nature Switzerland.

[45] Ahmed, S. R., Hussain, A. S. T., Fadhil, M., Sulaiman, S. K., Shah, P., Itankar, N., ... & Yass, A. A. (2024, January). Integrating AIoT for Enhanced Monitoring and Optimization of Transmission Lines Earthing System. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 350-358). Cham: Springer Nature Switzerland.

[46] Ahmed, S. R., Shah, P., Fadhil, M., Hussain, A. S. T., Parihar, S., Tawfeq, J. F., ... & Taha, K. A. (2024, January). Optimizing Solar Energy Efficiency Through Automatic Solar Tracking Systems. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 295-303). Cham: Springer Nature Switzerland.

[47] Ahmed, S. R., Khaleel, M. F., Abubaker, B. A., Sulaiman, S. K., Hussain, A. S. T., Taha, T. A., & Fadhil, M. (2024, January). Deep Convolutional Neural Network (DCNN) for the Identification of Striping in Images of Blood Cells. In International Conference on Forthcoming Networks and Sustainability in the AIoT Era (pp. 83-89). Cham: Springer Nature Switzerland.

[48] Ahmed, S. R., Hussein, A. J., Fadel, H. A., Al-Attar, B., Alshmeel, G. H. A., & Hussain, A. S. T. (2024, May). Machine Learning Applications in Supply Chain Management: Predictive Power Unleashed. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-9). IEEE.

[49] Najm, I. A., Abdulateef, O. G., Ali, A. H., Ahmed, S. R., Ahmed, M. A., & Algburi, S. (2024, May). Deep learning detection approach for speech impairment children in Parkinson's disease. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-6). IEEE.

- [50] Ahmed, S. R., Mejbel, B. G., Khamil, T. H., Radhi, A. D., Al-Ani, A. R., Hissain, A. S. T., ... & Sekhar, R. (2024, May). Empowering the Solar Street Lighting Revolution: Developing a Smart-Relay-Controlled Photovoltaic System for Enhanced Efficiency, Sustainability, and Operational Control. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-3). IEEE.
- [51] Abdulazeez, F. A., Ahmed, S. R., Mejbel, B. G., Ibrahim, M., Al-Attar, B., & Hussain, A. S. T. (2024, May). IOT-Enabled Intelligent Drones For Leak Detection With Using Simple Text Oriented Messaging Protocol (STOMP). In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-5). IEEE.
- [52] Ahmed, S. R., Ali, L., Hussein, A. J., Al-Attar, B., Abubaker, B. A., Tawfeq, J. F., ... & Shah, P. (2024, May). Enhancing Power Grid Efficiency using Machine Learning Algorithms. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-7). IEEE.
- [53] Ahmed, S. R., ALhashmi, L. Q., Hussein, A. J., Radhi, A. D., Radhi, A. A., Ahmed, M. R., ... & Tawfeq, J. F. (2024, May). Deep Learning for Customer Relationship Management in E-commerce. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-7). IEEE.
- [54] Ahmed, S. R., Mejbel, B. G., Abbas, A. A., Radhi, A. D., Jelwy, O. F., Hussain, A. S. T., ... & Sekhar, R. (2024, May). Enhanced Transformer Overload Power Protection with Small Transient Period Differential Relay Control. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-4). IEEE.
- [55] Ahmed, S. R., Mejbel, B. G., Dheeb, S., Hakim, B. A., Alshami, A. L., Hussain, A. S. T., ... & Shah, P. (2024, May). Characterizing Transients in Transmission Line Earthing Systems: Analysis and Control Strategies. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-4). IEEE.
- [56] Ahmed, S. R., Hussein, A. J., ALhashmi, L. Q., Al-Attar, B., Dheeb, S., Majeed, D. A., ... & Tawfeq, J. F. (2024, May). Computational Intelligence in Business Management: Strategies for Innovation and Optimization. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-8). IEEE.
- [57] Hussein, A. J., Ahmed, S. R., Abdul-Hussein, M. K., Al-Atta, B., Majeed, D. A., Hussain, A. S. T., & Tawfeq, J. F. (2024, May). Unlocking Strategic Insights: A Machine Learning Approach to Business Management Optimization. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-9). IEEE.
- [58] Mejbel, B. G., Ahmed, S. R., Alibadi, J. S. A., Radhi, A. D., Fadhil, M. S., Hussain, A. S. T., ... & Shah, P. (2024, May). Designing a Three-Phase Current Relay Protection

System for Small Transient Periods of Power Fluctuations with Enhanced Control. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-5). IEEE.

[59] Mejbil, B. G., Ahmed, S. R., AlJanabi, S. J., Radhi, A. D., Shaker, N. H., Hussain, A. S. T., ... & Sekhar, R. (2024, May). Enhancing Renewable Energy Integration: A Comprehensive Study and Control Analysis of Smart-Grid Inverter Systems Utilizing Solar Photovoltaics for Sustainable Electricity Generation. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-4). IEEE.

[60] Majeed, D. A., Yaseen, M., Ghaffori, A. J., Ahmed, S. R., Hakim, B. A., & Hussain, A. S. T. (2024, May). Advanced Optimization Techniques for CNC Machining: A Comparative Study of Genetic Algorithms, Simulated Annealing, and Particle Swarm Optimization. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-6). IEEE.

[61] Alshmeel, G. H. A., Al-Doori, A. S. B., Ahmed, S. R., Abraham, Z. A., Ghaffoori, A. J., & Hussain, A. S. T. (2024, May). Self-Sustaining Buoy System: Harnessing Water Wave Energy for Smart, Wireless Sensing and Data Transmission. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 349-356).

[62] Hammad, A. A., Ahmed, S. R., Abdul-Hussein, M. K., Ahmed, M. R., Majeed, D. A., & Algburi, S. (2024, May). Deep Reinforcement Learning for Adaptive Cyber Defense in Network Security. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 292-297).

[63] Murad, N. M., Hardan, S. Y., Ahmed, S. R., Ali, L., Sekhar, R., Shah, P., & Veena, B. S. (2024, May). Real-Time Image Denoising Using Deep Learning for Cybersecurity Applications. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 328-334).

[64] Thamer, K. A., Ahmed, S. R., Almashhadany, M. T. M., Abdulqader, S. G., Abduladheem, W., & Algburi, S. (2024, May). Secure Data Transmission in IoT Networks using Machine Learning-based Encryption Techniques. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 285-291).

[65] Ashour, M. I., Abbas, A. S., Ahmed, S. R., Haydar, N., Ghaffoori, A. J., Hussain, A. S. T., ... & Tawfeq, J. F. (2024, May). Enhancing Arabic Speaker Identification through Lip Movement Analysis and Deep Representation Learning. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 335-340).

[66] Salih, Y. T., Fenjan, A., Ahmed, S. R., Ali, H., Abdulwahab, E. N., Algruri, S., ... & Tawfeq, J. F. (2024, May). Machine Learning Approaches for Botnet Detection in Network Traffic. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 310-315).

[67] Ahmed, S. R., Mohamed, S. J., Aljanabi, M. S., Algburi, S., Majeed, D. A., Kurdi, N. A., ... & Tawfeq, J. F. (2024, May). A Novel Approach to Malware Detection using

Machine Learning and Image Processing. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 298-302).

[68] Khalaf, L. I., Alhamadani, B., Ismael, O. A., Radhi, A. A., Ahmed, S. R., & Algburi, S. (2024, May). Deep Learning-Based Anomaly Detection in Network Traffic for Cyber Threat Identification. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 303-309).

[69] Fenjan, A., Almashhadany, M. T. M., Ahmed, S. R., Fadel, H. A., Sekhar, R., Shah, P., & Veena, B. S. (2024, May). Adaptive Intrusion Detection System Using Deep Learning for Network Security. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 279-284).

[70] Najm, I. A., Saeed, A. H., Ahmad, B. A., Ahmed, S. R., Sekhar, R., Shah, P., & Veena, B. S. (2024, May). Enhanced Network Traffic Classification with Machine Learning Algorithms. In Proceedings of the Cognitive Models and Artificial Intelligence Conference (pp. 322-327).

[71] Saadaldeen Rashid Ahmed, Al-Sharify, T. A., Hasan, T. S., Othman, R. N., Al-Attar, B., Shaker, N. H., ... & Hussain, L. (2024, June). Deep Learning in Medical Imaging for Early Disease Detection. In International Conference on Frontiers of Electronics, Information and Computation Technologies (pp. 369-381). Singapore: Springer Nature Singapore.

[72] Alabbas, Z. M. A., Mejbel, B. G., Abbas, A. A., Sulaiman, S. K., Radhi, A. D., Ahmed, S. R., ... & Hussain, L. (2024, June). Developing Deep Learning Algorithms for Adaptive Control in Prosthetics. In International Conference on Frontiers of Electronics, Information and Computation Technologies (pp. 148-161). Singapore: Springer Nature Singapore.

[73] Altamimi, Z. I., Fenjan, A., Al-Sharify, N. T., Abdul-Hussein, M. K., Radhi, A. D., Ahmed, S. R., ... & Miah, A. S. M. (2024, June). IOT and AI Integration for Smart Prosthetic Limb Systems. In International Conference on Frontiers of Electronics, Information and Computation Technologies (pp. 533-547). Singapore: Springer Nature Singapore.

[74] Ahmed, S. R., Al-Sharify, T. A., Hasan, T. S., Othman, R. N., Al-Attar, B., Shaker, N. H., ... & Hussain, L. (2024, June). Deep Learning in Medical Imaging for Early Disease Detection. In International Conference on Frontiers of Electronics, Information and Computation Technologies (pp. 369-381). Singapore: Springer Nature Singapore.

[75] Baydaa Hassan Husain, Emad Abd Saleh, Abdullah F. al-Janabi, Shaymaa Dheeb, Bourdais Al-Attar, Noor Talib Al-Sharify, Saadaldeen Rashid Ahmed, Sameer Algburi "IoT and AI for remote patient monitoring and diagnostics" ICCCN2024, Istanbul, 2024, ACCEPTED.

[76] Ahmed, S. R., Fadel, H. A., Ismael, O. A., Sulaiman, S. K., Mahdi, N. R., Ahmed, N. S., ... & Hussain, A. S. T. (2024, August). Hybrid Classification Model Development for Enhancement the Data Driven Based Human Falling Detection Performance. In

International Conference on Machine Learning, Cloud Computing and Intelligent Mining (pp. 927-941). Singapore: Springer Nature Singapore.

[77] Al-Daffaie, A. G. M., Ahmed, S. R., Al-Sharif, Z. T., Khadim, Z. M., Hakim, B. A., Kadhim, R. I., ... & Shin, J. (2024, December). IoT-Enabled Sensors And AI For Real-Time Monitoring of Fluid Systems. In 2024 8th International Symposium on Innovative Approaches in Smart Technologies (ISAS) (pp. 1-6). IEEE.

[78] Hadi, A. A., Ahmed, S. R., Abbas, S. K., Al-Sharify, Z. T., Fuqdan, A. I., Ahmad, B. A., ... & Shin, J. (2024, December). Machine Learning Techniques for Turbulence Analysis and Simulation. In 2024 8th International Symposium on Innovative Approaches in Smart Technologies (ISAS) (pp. 1-7). IEEE.

[79] Alsaadi, M., Almashhadany, M. T., Obaed, A. S., Furaijl, H. B., Kamil, S., & Ahmed, S. R. (2024, November). AI-Based Predictive Analytics for Financial Risk Management. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-7). IEEE.

[80] Abdualwhab, M., Gareed, J., Al-Shimary, A. J., Furaijl, H. B., Ahmed, S. R., & Algburi, S. (2024, November). Leveraging IoT Data for Real-Time Business Decision-Making. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-8). IEEE.

[81] Miran, L. D., Abduladheem, W., Abdullah, A. F., Al-Sharify, T. A., Ahmed, N. S., Ahmed, S. R., ... & Algburi, S. (2024, November). The Role of Artificial Intelligence in Enhancing English Language Communication and Operational Efficiency in Logistics and Transportation Systems. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-8). IEEE.

[82] Alkubaisi, S., Fenjan, A., Al-Sharify, T. A., Sadiq, S., Furaijl, H. B., & Ahmed, S. R. (2024, November). Machine Learning Models for Optimizing Supply Chain Management. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-9). IEEE.

[83] Muqdad Hanoon Dawood Alnussairi ,Ali Fenjan, Ali Jabbar Hussein, Yamin Mohamad, Hussein Basim Furaijl, Saadaldeen Rashid Ahmed, Abadal-Salam T. Hussain “Deep Learning Algorithms for Market Trend Analysis and Forecasting” Third International Conference on Artificial Intelligence of Things, Istanbul, Turkey | December 26-27, 2024, ACCEPTED.

[84] Ahmed, S. R., Guron, A. T., Majeed, D. A., Al Saadi, M. A. M., Abduladheem, W., Al-Sharify, Z. T., ... & Kadhim, R. I. (2024, November). Using Deep Learning for Predictive Modelling in Fluid Dynamics. In 2024 3rd International Conference on Artificial Intelligence, Human-Computer Interaction and Robotics (AIHCIR) (pp. 380-388). IEEE.

[85] Mahmood, M. T., Fadel, H. A., Ali, A. H. S., Radhi, A. D., Guron, A. T., & Ahmed, S. R. (2024, August). Utilizing Artificial Intelligence to Enhance Sensory Feedback in Prosthetic Limbs. In International Conference on the Frontiers of Robotics and Software

Engineering (pp. 227-241). Singapore: Springer Nature Singapore.

[86] Ameer Yalmaz ASAAD, Samir Adil, Ali J. Al-Shimary, Hussein Basim Furaijl, Arsalan Azeez Fattah, Saadaldeen Rashid Ahmed, Taj-aldeen Naser Abdali "Cybersecurity Measures In AI-Driven Business Environments" the 5th International Conference on Computer, Big Data and Artificial Intelligence (ICCBD+AI 2024), China, 2024, ACCEPTED.

[87] Hameed, B. H., Kurnaz, S., & Ahmed, S. R. (2024, November). Efficient PV Monitoring with LoRaWAN: Integrating IoT and Smartphone Application for Cost-Effective Solutions. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-8). IEEE.

[88] Taher, A. Y., Kurnaz, S., & Ahmed, S. R. (2024, November). Optimizing Hybrid Energy Systems: Employing Smart Monitoring Networks with IoT Integration. In 2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (pp. 1-7). IEEE.

[89] Kadhim, R. I., Ahmed, S. R., Al-Sharif, Z. T., Abdul-Hussein, M. K., Fuqdan, A. I., Hassan, R. S., ... & Shin, J. (2024, December). AI-enhanced Cybersecurity in Fluid Dynamics Simulation Software. In 2024 8th International Symposium on Innovative Approaches in Smart Technologies (ISAS) (pp. 1-8). IEEE.

[90] Kadhim, R. I., Al-Mukhtar, F., Guron, A. T., Shwayaa, A. K., Al-Sharif, T. A., Al-Attar, B., Ahmed, S. R. (2024, December). Multimodal Deep Learning for Video Classification. In 2024 8th International Symposium on Innovative Approaches in Smart Technologies (ISAS) (pp. 1-8). IEEE.

[91] Ahmed, S. R., Abdullah, A. I., AlJanabi, S. J., Tawfeek, Z. S., Radhi, A. D., Kadhim, R. I., ... & Shin, J. (2024, December). Optimal Elevators Control for Buildings Based on Associative Memory. In 2024 8th International Symposium on Innovative Approaches in Smart Technologies (ISAS) (pp. 1-8). IEEE.

[92] AL-Inizi, M. S. M., Abdulsattar, H. F., Shwayaa, A. K., Ahmed, S. R., & Abbood, Z. A. (2025, March). Deep learning approaches for gender identification from fingerprint using CNNs and SVM. In AIP Conference Proceedings (Vol. 3264, No. 1, p. 020016). AIP Publishing LLC.

[93] Ahmed, S. R., Al-Sharif, T. A., Hasan, T. S., Othman, R. N., Al-Attar, B., Shaker, N. H., ... & Hussain, L. (2024, June). Deep Learning in Medical Imaging for Early Disease Detection. In International Conference on Frontiers of Electronics, Information and Computation Technologies (pp. 369-381). Singapore: Springer Nature Singapore.

[94] A. T. Humod et al., "Real-Time Fall Detection Based on Deep Learning," 2025 3rd International Conference on Business Analytics for Technology and Security (ICBATS), Dubai, United Arab Emirates, 2025, pp. 1-6, doi: 10.1109/ICBATS66542.2025.11258122

[95] A. A. Rajab et al., "Explainable AI for Stock Price Movement Prediction: A Comparative Study of Machine Learning Models," 2025 3rd International Conference on

Business Analytics for Technology and Security (ICBATS), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICBATS66542.2025.11258500.

[96] J. H. Hameed et al., "Enhanced Fall Detection in Healthcare Based on Integrating YOLOv8 and Pose Estimation Techniques," 2025 3rd International Conference on Business Analytics for Technology and Security (ICBATS), Dubai, United Arab Emirates, 2025, pp. 1-4, doi: 10.1109/ICBATS66542.2025.11258134.

[97] T. A. Ahmed et al., "Deep Learning Models for Predicting Customer Churn in Omni-Channel Retail Environments," 2025 3rd International Conference on Business Analytics for Technology and Security (ICBATS), Dubai, United Arab Emirates, 2025, pp. 1-6, doi: 10.1109/ICBATS66542.2025.11258385.

[98] A. A. Hadi et al., "Using AI to Improve the Sensory Feedback in Artificial Limbs," 2025 3rd International Conference on Business Analytics for Technology and Security (ICBATS), Dubai, United Arab Emirates, 2025, pp. 1-7, doi: 10.1109/ICBATS66542.2025.11258371.

[99] M. Q. Obayes et al., "Glaucoma Detection from Fundus Retinal Images Using Deep Feature Fusion and Residual Attention Mechanisms," 2025 3rd International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICCR67387.2025.11292358.

[100] Z. Hamza et al., "Hierarchical Pneumonia Detection in Chest X-Rays and CT Scan Volumes Using Vision Transformer CNN Architectures," 2025 3rd International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICCR67387.2025.11291972.

[101] M. T. Mahmood et al., "Liver Tumor Classification in Contrast-Enhanced CT Imaging Using Deep Residual Neural Networks with Dual Attention Gates," 2025 3rd International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICCR67387.2025.11292200.

[102] S. R. Ahmed et al., "Alzheimer's Disease Prediction Using MRI-PET Fusion Through Multi-Modal Deep Learning With Late Fusion Techniques," 2025 3rd International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICCR67387.2025.11292326.

[103] A. Salman, H. A. Abood Nassrullah, H. Karm Jouad, W. R. Abduladheem, S. Rashid Ahmed and J. Shin, "Early-Stage Invasive Breast Cancer Detection Using Deep CNN Feature Embedding and Radiomic Texture Analysis Techniques," 2025 3rd International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2025, pp. 1-8, doi: 10.1109/ICCR67387.2025.11292406.

BOOKS IN PROGRESS EDITING

[B1] Deep learning

[B2] artificial intelligence

[B3] Optical Networking.

[B4] C++ Programming.

[B5] Digital Image Processing Experiments Using MATLAB.

[B6] Computation theory

[B7] Machine Learning

INTERESTS AND HOBBIES

- Searching New Technologies.
- Reading Books.
- Sports: Football, Swimming.

LANGUAGES KNOWN

LANGUAGE	READ	WRITE	SPEAK
ARABIC	YES	YES	YES
Kurdish	YES (Middle)	Yes (Middle)	Yes (Middle)
ENGLISH	YES (EXCELLENT)	YES (EXCELLENT)	YES (very good)
Turkish	YES (middle)	YES (middle)	YES (middle)

PERSONAL PROFILE

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