## General Information

*Mohammed Amin Almaiah, PhD*

**Associate Professor, Department of Computer Science, The University of Jordan.**
**University of Jordan, Jordan**
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**Email:** malmaiah@aut.edu.jo
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**Google Scholar**: https://scholar.google.com/scholar?start=0&q=mohammed+amin+almaiah&hl=en&as_sdt=0,5
**Scopus:** https://www.scopus.com/authid/detail.uri?authorId=56682869700
**Research Gate**: https://www.researchgate.net/profile/Mohammed-Almaiah-d-mhmd- amyn-almayt

## √ Summary of Dr. Almaiah:

**\*\*Mohammed Amin Almaiah is among the top 2% scientists in the world from 2020 up to now.**

**\*\* Almaiah is working as Editor in Chief for the International Journal of Cybersecurity and Risk Assessment**

**\*\* Almaiah got the Distinguished Faculty Member Award – Best Researcher -2022 at King Faisal University.**

**\*\* Almaiah published more than 100 articles in high impact journals indexed in ISI and Scopus (Q1 and Q2).**

**\*\* Almaiah has several funding of research projects (1) funding from King Faisal University, (2) funding from Princess Norah University, (3) funding from Minister of Saudi Education.**

**\*\* Almaiah has high h-index (>42) and high citations (> 6400) in Google scholar.**

**\*\* Almaiah has six years experiences in Cybersecurity field.**

**\*\* Almaiah is working as Associate editor, guest editor in several journals indexed in ISI and Scopus (Q1 and Q2).**

**\*\* Almaiah is working as Associate professor for teaching in master program in Cybersecurity.**

**\*\* Almaiah is working as a Member of Scientific Council at King Faisal University.**

CURRICULUM VITAE

## ✓ EDUCATION

**Major Area: Computer Science**

**Specialized Area: Cybersecurity Security**

**2013 – 2017   PhD's Degree in Computer Science (Cybersecurity)**

Computer Science Department - University Malaysia Terengganu (UMT) - Malaysia

**2009 - 2011    Master's Degree in Computer Information System**
Middle East University, Jordan - Amman.
**Title of Project:** Development of mobile learning applications based on Technical Software Quality Factors
 (**GBA: 3.7/4.00**) (**Excellent**)

**2004 – 2008   Bachelor's Degree in Computer Information System**
College of Information Technology
Al-Hussien Bin Talal University, Ma'an – (**GBA: 76.7/100**) (**Very Good**)

## √ WORKING EXPERIENCE:

- **Full Time**

**February 2024, Associate Professor, Department of Computer Science. The University of Jordan, Jordan.**

**July, 2023-February, 2024 Dean of Faculty of Information Technology, Aqaba University ofTechnology, Jordan**

**October 2021- 2023, Associate Professor, Department of Computer Networks and Communications. King Faisal University, Saudi Arabia.**

**September 2017- 2021, Assistant Professor, Department of Computer Networks and Communications. King Faisal University, Saudi Arabia.**

**October 2011- January 2013, Lecturer, Computer Science Department. Al-Baha University, Saudi Arabia.**

<div align="center">**CURRICULUM VITAE**</div>

## ✓ TEACHING EXPERIENCE:

Malware Analysis (**Master Level**)
Security Risk Analysis and Management (**Master Level**)
Fundamentals of Cyber security (**Master Level**)
Mobile and Wireless Networks Security (**Master Level**)
Advanced of Network Security (**Master Level**)
Fundamentals of Computer Networks
Internet Programming (HTML, Java Script, CSS)
Operating System
Introductions to Computer and Information Technology.
Computer and Society.
Computer Network Skills.
Advanced of Computer Network.
Internet Skills
Networking Programming

## ✓ PUBLICATIONS:

### ▪ PUBLICATIONS IN JOURNALS:

| Research Publications In the Scientific journals | | |
|---|---|---|
| **Title of the Article** | **Indexing** | **Year** |
| **Almaiah MA**, Yelisetti S, Arya L, Babu Christopher NK, Kaliappan K, Vellaisamy P, Hajjej F, Alkdour T. A Novel Approach for Improving the Security of IoT–Medical Data Systems Using an Enhanced Dynamic Bayesian Network. Electronics. 2023 Oct 18;12(20):4316. | **Indexed in ISI, Web of Science (Impact Factor =2.9).** | **2023** |
| **Almaiah MA,** Al-Otaibi S, Shishakly R, Hassan L, Lutfi A, Alrawad M, Qatawneh M, Alghanam OA. Investigating the Role of Perceived Risk, Perceived Security and Perceived Trust on Smart m-Banking Application Using SEM. Sustainability. 2023 Jun 21;15(13):9908. | **Indexed in ISI, Web of Science (Impact Factor =3.9).** | **2023** |
| Alkdour T, **Almaiah MA**, Shishakly R, Lutfi A, Alrawad M. Exploring the Success Factors of Smart City Adoption via Structural Equation Modeling. Sustainability. 2023 Nov 14;15(22):15915. | **Indexed in ISI, Web of Science (Impact Factor =3.9).** | **2023** |
| Al Hwaitat AK, **Almaiah MA**, Ali A, Al-Otaibi S, Shishakly R, Lutfi A, Alrawad M. A New Blockchain-Based Authentication Framework for Secure IoT Networks. Electronics. 2023 Aug 27;12(17):3618. | **Indexed in ISI, Web of Science (Impact Factor =2.9).** | **2023** |
| Lutfi A, Alrawad M, Alsyouf A, **Almaiah MA**, Al-Khasawneh A, Al-Khasawneh AL, Alshira'h AF, Alshirah MH, Saad M, Ibrahim N. Drivers and impact of big data analytic adoption in the retail industry: A quantitative investigation applying structural equation modeling. Journal of Retailing and Consumer Services. 2023 Jan 1;70:103129. | **Indexed in ISI, Web of Science (Impact Factor =10.999).** | **2023** |
| Alqudah H, Amran NA, Hassan H, Lutfi A, Alessa N, **Almaiah MA**. Examining the critical factors of internal audit effectiveness from internal auditors' perspective: Moderating role of extrinsic rewards. Heliyon. 2023 Sep 30. | **Indexed in ISI, Web of Science (Impact Factor =4.00).** | **2023** |
| AlSalem TS, **Almaiah MA**, Lutfi A. Cybersecurity Risk Analysis in the IoT: A Systematic Review. Electronics. 2023 Sep 20;12(18):3958. | **Indexed in ISI, Web of Science (Impact Factor** | **2023** |

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| | | =2.9). | |
| | Aldhyani TH, Khan MA, **Almaiah MA**, Alnazzawi N, Hwaitat AK, Elhag A, Shehab RT, Alshebami AS. A Secure Internet of Medical Things Framework for Breast Cancer Detection in Sustainable Smart Cities. Electronics. 2023 Feb 8;12(4):858. | **Indexed in ISI, Web of Science (Impact Factor =2.789).** | **2023** |
| | Alrawad, Lutfi, Alyatama S, Khattab A, Alsoboa S, **Almaiah MA**, Ramadan MH, Arafa HM, Ahmed NA, Alsyouf A, Al-Khasawneh AL. Assessing customers perception of online shopping risks: A structural equation modeling–based multigroup analysis. Journal of Retailing and Consumer Services. 2023 Mar 1;71:103188. | **Indexed in ISI, Web of Science (Impact Factor =10.999).** | **2023** |
| | **Almaiah MA**, Almomani O, Alsaaidah A, Al-Otaibi S, Bani-Hani N, Hwaitat AK, Al-Zahrani A, Lutfi A, Awad AB, Aldhyani TH. Performance Investigation of Principal Component Analysis for Intrusion Detection System Using Different Support Vector Machine Kernels. Electronics. 2022 Nov 1;11(21):3571. | **Indexed in ISI, Web of Science (Impact Factor =3.567).** | **2022** |
| | **Almaiah MA**, Hajjej F, Ali A, Pasha MF, Almomani O. A Novel Hybrid Trustworthy Decentralized Authentication and Data Preservation Model for Digital Healthcare IoT Based CPS. Sensors (Basel, Switzerland). 2022 Feb;22(4). | **Indexed in ISI, Web of Science (Impact Factor =3.567).** | **2022** |
| | **Almaiah MA**, Ali A, Hajjej F, Pasha MF, Alohali MA. A Lightweight Hybrid Deep Learning Privacy Preserving Model for FC-Based Industrial Internet of Medical Things. Sensors. 2022 Mar 9;22(6):2112. | **Indexed in ISI, Web of Science (Impact Factor =3.984).** | **2022** |
| | **Almaiah MA**, Al-Rahmi A, Alturise F, Hassan L, Lutfi A, Alrawad M, Alkhalaf S, Al-Rahmi WM, Aldhyani TH. Investigating the Effect of Perceived Security, Perceived Trust, and Information Quality on Mobile Payment Usage through Near-Field Communication (NFC) in Saudi Arabia. Electronics. 2022 Jan;11(23):3926. | **Indexed in ISI, Web of Science (Impact Factor =3.984).** | **2022** |
| | Altulaihan E, **Almaiah MA**, Aljughaiman A. Cybersecurity Threats, Countermeasures and Mitigation Techniques on the IoT: Future Research Directions. Electronics. 2022 Oct 16;11(20):3330. | **Indexed in ISI, Web of Science (Impact Factor =3.567).** | **2022** |
| | Ali A, **Almaiah MA**, Hajjej F, Pasha MF, Fang OH, Khan R, Teo J, Zakarya M. An Industrial IoT-Based Blockchain-Enabled Secure Searchable Encryption Approach for Healthcare Systems Using Neural Network. Sensors. 2022 Jan;22(2):572. | **Indexed in ISI, Web of Science (Impact Factor =3.567).** | **2022** |
| | **Almaiah MA**, Hajjej F, Ali A, Pasha MF, Almomani O. An AI-Enabled Hybrid Lightweight Authentication Model for Digital Healthcare Using Industrial Internet of Things Cyber-Physical Systems. Sensors. 2022 Jan;22(4):1448. | **Indexed in ISI, Web of Science (Impact Factor =3.567).** | **2022** |
| | Althunibat A, Altarawneh F, Dawood R, **Almaiah MA**. Propose a New Quality Model for M-Learning Application in Light of COVID-19. Mobile Information Systems. 2022 Mar 1;2022. | **Indexed in ISI, Web of Science (Impact Factor =1.567).** | **2022** |
| | Lutfi A, Alsyouf A, **Almaiah MA**, Alrawad M, Abdo AA, Al-Khasawneh AL, Ibrahim N, Saad M. Factors Influencing the Adoption of Big Data Analytics in the Digital Transformation Era: Case Study of Jordanian SMEs. Sustainability. 2022 Jan;14(3):1802. | **Indexed in ISI, Web of Science (Impact Factor =3.521).** | **2022** |
| | Qasem MH, Hudaib A, Obeid N, **Almaiah MA**, Almomani O, Al-Khasawneh A. Multi-agent Systems for Distributed Data Mining Techniques: An Overview. Big Data Intelligence for Smart Applications. 2022:57-92. | **Indexed in ISI, Web of Science** | **2022** |

# CURRICULUM VITAE

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|---|---|---|---|
| | Adil, M., Khan, R., **Almaiah, M. A.,** Al-Zahrani, M., Zakarya, M., Amjad, M. S., & Ahmed, R. (**2021**). MAC-AODV based Mutual Authentication Scheme for Constraint Oriented Networks. IEEE Access. | **Indexed in ISI, Web of Science (Impact Factor = 3.731).** | **2021** |
| | Al Nafea R, **Almaiah MA.** Cyber Security Threats in Cloud: Literature Review. In2021 International Conference on Information Technology ICIT) 2021 Jul 14 (pp. 779-786). IEEE. | **IEEE** | **2021** |
| | Althunibat A, **Almaiah MA**, Altarawneh F. Examining the FactorsInfluencing the Mobile Learning Applications Usage in Higher Education during the COVID-19 Pandemic. Electronics. 2021 Jan;10(21):2676. | **Indexed in ISI, Web of Science (Impact Factor =2.397).** | **2021** |
| | Alamer M, **Almaiah MA**. Cyber security in Smart City: A Systematic Mapping Study. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 719-724). IEEE. | **IEEE** | **2021** |
| | Mulhem AA, **Almaiah MA**. A Conceptual Model to Investigate the Role of Mobile Game Applications in Education during the COVID-19 Pandemic. Electronics. 2021 Jan;10(17):2106. | **Indexed in ISI, Web of Science (Impact Factor =2.397).** | **2021** |
| | AlMedires M, **AlMaiah M**. Cyber security in Industrial Control System (ICS). In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 640-647). IEEE. | **IEEE** | **2021** |
| | Bubukayr MA, **Almaiah MA**. Cyber security Concerns in Smart-phonesand applications: A survey. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 725-731). IEEE. | **IEEE** | **2021** |
| | Althunibat, A.; Binsawad, M.; **Almaiah, M.A.**; Almomani, O.; Alsaaidah, A.; Al-Rahmi, W.; Seliaman, M.E. Sustainable Applications of Smart-Government Services: A Model to Understand Smart-Government Adoption. Sustainability 2021, 13, 3028. https://doi.org/10 | **Indexed in ISI, Web of Science (Impact Factor = 2.576).** | **2021** |
| | Alghazi, S. S., Kamsin, A., **Almaiah, M. A**., Wong, S. Y., & Shuib, L. (2021). For Sustainable Application of Mobile Learning: An Extended UTAUT Model to Examine the Effect of Technical Factors on the Usage of Mobile Devices as a Learning Tool. *Sustainability*, *13*(4), 1856. | **Indexed in ISI, Web of Science (Impact Factor = 2.576).** | **2021** |
| | Qasem MH, Obeid N, Hudaib A, **Almaiah MA**, Al-Zahrani A, Al-Khasawneh A. Multi-Agent System Combined With Distributed Data Mining for Mutual Collaboration Classification. IEEE Access. 2021 Apr 20;9:70531-47. | **Indexed in ISI, Web of Science (Impact Factor = 3.731).** | **2021** |
| | Alazaidah R, **Almaiah MA.** ASSOCIATIVE CLASSIFICATION IN MULTI-LABEL CLASSIFICATION: AN INVESTIGATIVE STUDY. IJCIT. 2021. | **Indexed in Scopus** | **2021** |
| | Khan, M. N., Rahman, H. U., Almaiah, M. A., Khan, M. Z., Khan, A., Raza, M., ... & Khan, R. (2020). Improving Energy Efficiency With Content-Based Adaptive and Dynamic Scheduling in Wireless Sensor Networks. *IEEE Access*, *8*, 176495-176520. | **Indexed in ISI, Web of Science (Impact Factor = 3.731).** | **2020** |
| | Adil, M., Khan, R., **Almaiah, M. A.,** Al-Zahrani, M., Zakarya, M., Amjad, M. S., & Ahmed, R. (**2020**). MAC-AODV based Mutual Authentication Scheme for Constraint Oriented Networks. IEEE Access. | **Indexed in ISI, Web of Science (Impact Factor = 3.731).** | **2020** |
| | Adil, M., Khan, R., Ali, J., Roh, B. H., Ta, Q. T. H., & **Almaiah, M. A.** (2020). An Energy Proficient Load Balancing Routing Scheme for Wireless Sensor Networks to maximize their Lifespan in an Operational Environment. *IEEE Access*. | **Indexed in ISI, Web of Science (Impact Factor = 3.731).** | **2020** |
| | Adil, M., **Almaiah, M. A.,** Omar Alsayed, A., & Almomani, O. (**2020**). An Anonymous Channel Categorization Scheme of Edge Nodes to Detect Jamming Attacks in Wireless Sensor Networks. Sensors, 20(8), 2311. | **Indexed in ISI, Web of Science (Impact Factor = 3.031).** | **2020** |

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|---|---|---|---|
| | **Almaiah, M. A.**, Dawahdeh, Z., Almomani, O., Alsaaidah, A., Al-khasawneh, A., & Khawatreh, S. (2020). A new hybrid text encryption approach over mobile ad hoc network. *International Journal of Electrical and Computer Engineering (IJECE)*, *10*(6), 6461-6471. | **Indexed in Scopus** | **2020** |
| | Adil, M., Khan, R., **Almaiah**, **M. A.,** & Binsawad, M, (**2020**). An Efficient Load Balancing Scheme of Energy Gauge Nodes to Maximize  the Lifespan of Constraint Oriented Networks. IEEE Access | **Indexed in ISI, Web of Science (Impact Factor = 4.098).** | **2020** |
| | Alamri, M. M., **Almaiah, M. A**., & Al-Rahmi, W. M. (**2020**). Social Media Applications Affecting Students' Academic Performance: A Model Developed for Sustainability in Higher Education. Sustainability, 12(16), 6471. | **Indexed in ISI, Web of Science (Impact Factor = 3.031).** | **2020** |
| | **Almaiah**, **M.A.** & Al-Khasawneh, A. Investigating the main determinants of mobile cloud computing adoption in university campus. Education and Information Technologies (2020). https://doi.org/10.1007/s10639-020-10120-8. | **Indexed in Web of Science and Scopus (Impact Factor = 2.978).** | **2020** |
| | **Almaiah, M. A**. (2020). An Efficient Smart Weighted and Neighborhood-enabled Load Balancing Scheme for Constraint  Oriented Networks. *International journal of advanced computer science and applications*, *11*(12). | **Indexed in Scopus** | **2020** |
| | **Almaiah, M.A.,** Al-Zahrani,M, (2020)**.** Multilayer Neural Network based on MIMO OFDM Blind Channel for Impulsive Noise Environment. International Journal of Advanced Trends in Computer Science and Engineering, 9(1). | **Indexed in Scopus** | **2020** |
| | **Almaiah, M.A.,** Al-Khasawneh, A. & Althunibat, A. Exploring the critical challenges and factors influencing the E-learning system usage during COVID-19 pandemic. Educ Inf Technol (2020). https://doi.org/10.1007/s10639-020-10219-y | **Indexed in ISI, Web of Science and Scopus (Impact Factor = 2.978).** | **2020** |
| | Al Hwaitat, A. K., **Almaiah, M. A**., Almomani, O., Al-Zahrani, M., Al-Sayed, R. M., Asaifi, R. M., ... & Alsaaidah, A. (2020). Improved Security Particle Swarm Optimization (PSO) Algorithm to Detect Radio Jamming Attacks in Mobile Networks. *International journal of advanced computer science and applications*, *11*(4). | **Indexed in ISI, Web of Science and Scopus** | **2020** |
| | Al Amri, M. M., & Almaiah, M. A. (2020). The Use of Mobile Gamification Technology for Sustainability Learning in Saudi Higher Education. *International Journal*, *9*(5). | **Indexed in Scopus** | **2020** |
| | **ALMAIAH, M.,** & ALMOMANI, O. (2020). AN INVESTIGATION OF DIGITAL FORENSICS FOR SHAMOON ATTACK BEHAVIOUR IN FOG COMPUTING AND THREAT INTELLIGENCE FOR INCIDENT RESPONSE. Journal of Theoretical and Applied Information Technology, 98(07). | **Indexed in Scopus** | **2020** |
| | **ALMAIAH, M.,** & ALMOMANI, O. (2020). AN INVESTIGATOR DIGITAL FORENSICS FREQUENCIES PARTICLE SWARM OPTIMIZATION FOR DETECTION AND CLASSIFICATION OF APT ATTACK IN FOG COMPUTING ENVIRONMENT (IDF-FPSO). *Journal of Theoretical and Applied  Information Technology*, *98*(07). | **Indexed in Scopus** | **2020** |
| | **Almaiah, M. A**., Al-Khasawneh, A., Althunibat, A., & Khawatreh, S. (**2020**). Mobile Government Adoption Model Based on Combining GAM and UTAUT to Explain Factors According to Adoption of Mobile Government Services. *International Journal of Interactive Mobile Technologies (iJIM)*, *14*(03), 199-225. | **Indexed in Scopus** | **2020** |

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|---|---|---|---|
| | **Almaiah, M.A.,** Almulhem, A, (2020). Thematic Analysis for Classifying the Main Challenges and Factors Influencing the Successful Implementation of E-learning System Using NVivo. International Journal of Advanced Trends in Computer Science and Engineering, 9(1). | **Indexed in Scopus** | **2020** |
| | **Mohammed Amin Almaiah**., & Yacoub Nasereddin. (**2020**). Factors Influencing the Adoption of E-government Services among Jordanian Citizens. Electronic Government, an International Journal, 15(2), 1-20. | **Indexed in Scopus** | **2020** |
| | **Almaiah, M. A.,** Alamri, M. M., & Al-Rahmi, W. M. (**2019**). Analysis the Effect of Different Factors on the Development of Mobile Learning Applications at different stages of usage. *IEEE Access*. | **Indexed in ISI, Web of Science (Impact Factor = 4.098).** | **2019** |
| | **Almaiah, M. A**., Alamri, M. M., & Al-Rahmi, W. (**2019**). Applying the UTAUT Model to Explain the Students' Acceptance of Mobile Learning System in Higher Education. IEEE Access, 7, 174673-174686. | **Indexed in ISI, Web of Science (Impact Factor = 4.098).** | **2019** |
| | **Almaiah, M. A**., & Alyoussef, I. Y. (**2019**). Analysis of the Effect of Course Design, Course Content Support, Course Assessment and Instructor Characteristics on the Actual Use of E-learning System. IEEE Access. | **Indexed in ISI, Web of Science (Impact Factor = 4.098).** | **2019** |
| | **Almaiah, M. A.,** & Al Mulhem, A. (**2019**). Analysis of the essential factors affecting of intention to use of mobile learning applications: A comparison between universities adopters and non-adopters. *Education and Information Technologies*, 1-36. | **Indexed in ISI, Web of Science and Scopus. (Impact Factor = 2.978).** | **2019** |
| | **Almaiah, M. A.,** & Alismaiel, O. A. (**2019**). Examination of factors influencing the use of mobile learning system: An empirical study. Education and Information Technologies, 1-25. | **Indexed in ISI, Web of Science and Scopus.** | **2019** |
| | Alksasbeh, M., Abuhelaleh, M., **Almaiah, M. A**., AL-Jaafreh, M., & Karaka, A. A. (**2019**). Towards a Model of Quality Features for Mobile Social Networks Apps in Learning Environments: An Extended Information System Success Model. International Journal of Interactive Mobile Technologies, 13(5). | **Indexed in Scopus (Impact Factor = 2.978).** | **2019** |
| | Al Lily, A. E., Alhazmi, A. A., Alsubaie, M. A., Alzahrani, S., Bukhamseen, A. M., Aldoughan, E. A., **Almaiah, M.A.,.....** & Amira, M. S. (2019). Crowd-reflecting: a counterproductive experience of Arab adult learning via technology. Studies in Continuing Education, 1-18. | **Indexed in ISI, Web of Science (Impact Factor = 1.50).** | **2019** |
| | Ali, MA., Lakulu, MM., **Almaiah, MA.,** (2019). A Systematic Review of Mobile-Based Assessment Acceptance studies From 2009 to 2019. Journal of Theoretical and Applied Information Technology 97 (20), 1-24. | **Indexed in Scopus** | **2019** |
| | **Almaiah, M.A.,** & Alamri, M.M (**2018**). Proposing a new technical quality requirements for mobile learning applications. Journal of Theoretical and Applied Information Technology, 96(19). | **Indexed in Scopus**. | **2018** |
| | **Almaiah, M. A.,** & Almulhem, A (**2018**). A conceptual framework for determining the success factors of e-learning system implementation using Delphi technique. Journal of Theoretical and Applied Information Technology, 96(17). | **Indexed in Scopus**. | **2018** |
| | Shawai, Y. G., **Almaiah, M. A**. (**2018**). Malay Language Mobile Learning System (MLMLS) using NFC Technology. International Journal of Education and Management Engineering (IJEME), 1-7. | **Indexed in Scopus**. | **2018** |

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|---|---|---|---|
| | Yacoub Nasereddin, **Mohammed Almaiah**, Sara Nasereddin, (**2018**). Formulation and Implementation of Social Media Strategy Framework: A Case Stusy of Jordanian Government Organization. Journal of Theoretical and Applied Information Technology, 96(24). | **Indexed in Scopus**. | **2018** |
| | **Almaiah, M. A**., Jalil, M. A., & Man, M. (**2016**). Empirical investigation to explore factors that achieve  high quality of mobile learning system based on students' perspectives. *Engineering Science and Technology, an International Journal*. | **Indexed in ISI, Web of Science and Scopus (Impact Factor = 2.978).** | **2016** |
| | **Almaiah, M. A**., Jalil, M. A., & Man, M. (**2016)**. Extending the TAM to examine the effects of quality features on  mobile  learning acceptance. *Journal of Computers in Education*, 1-33. | **Indexed in ISI, Web of Science and Scopus** | **2016** |
| | **Almaiah, M. A.,** Jalil, M. A., & Man, M. (**2016**). Preliminary study for exploring the major problems and activities of mobile learning system: A case study of Jordan. Journal of Theoretical & Applied Information Technology, 93(2). | **Indexed in Scopus**. | **2016** |
| | **Almaiah, M. A**., Jalil, M. A., & Man, M. (**2015**). Mobile Learning Acceptance - A review. *Kolokium Siswazah Informatik dan Matematik (KOSIM 2015).* http://fliphtml5.com/ucit/tkjx/basic/51-81 (**Published in UMT Conference**). | **Indexed in Scopus**. | **2015** |
| | **Almaiah, M. A**., & Jalil, M. A. (**2014**). Investigating Students' Perceptions on Mobile Learning Services. *iJIM*, *8*(4), 31-36. (**Indexed in Scopus**). | **Indexed in Scopus**. | **2014** |

▪ **Publications in Book Chapters:**

| Research Publications In Book Chapters | | | |
|---|---|---|---|
| **Title of the Chapter** | **Tile of the Book** | **Publisher** | **Year** |
| **Almaiah MA,** Alkdour T. Securing Fog Computing Through Consortium Blockchain Integration: The Proof of Enhanced Concept (PoEC) Approach. In Recent Advancements in Multimedia Data Processing and  Security: Issues, Challenges, and Techniques 2023 (pp. 107-140). IGI Global. | Recent Advancements in Multimedia Data Processing and Security: Issues, Challenges, and Techniques | **IGI** | **2023** |
| **1** **Almaiah MA.** A New Scheme for Detecting Malicious Attacks in Wireless Sensor Networks Based on Blockchain Technology. In Artificial Intelligence and Blockchain for Future Cybersecurity Applications 2021 (pp. 217-234). Springer, Cham. | Artificial Intelligenceand Blockchain for Future Cyber security Applications. | **Springer** | **2021** |
| **2** **Almaiah MA**, Al-Zahrani A, Almomani O, Alhwaitat AK. Classification of Cyber Security Threats on Mobile Devices and Applications. InArtificial Intelligence and Blockchain for Future Cybersecurity Applications 2021 (pp. 107-123). Springer, Cham. | Artificial Intelligenceand Blockchain for Future Cyber security Applications. | **Springer** | **2021** |

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| **3** | **Almaiah MA**, Almomani O, Al-Khasawneh A, Althunibat A. Predicting the Acceptance of Mobile Learning Applications During COVID-19 Using Machine Learning Prediction Algorithms. Emerging Technologies During the Era of COVID-19 Pandemic. 2021;348:319. | Technologies During the Era of COVID-19 Pandemic. | **Springer** | **2021** |
| **4** | Almaiah MA, Al-Khasawneh A, Althunibat A, Almomani O. Exploring the Main Determinants of Mobile Learning Application Usage During Covid-19 Pandemic in Jordanian Universities. Emerging Technologies During the Era of COVID-19 Pandemic. 2021;348:275. | Technologies During the Era of COVID-19 Pandemic. | **Springer** | **2021** |

## ▪ PUBLICATIONS IN CONFERENCES

### Research Publications In the Conferences

| Title of the Article | Indexing | Year |
|---|---|---|
| Almomani O, **Almaiah MA**, Madi M, Alsaaidah A, Almomani MA, Smadi S. Reconnaissance attack detection via boosting machine learning classifiers. In AIP Conference Proceedings 2023 Oct 20 (Vol. 2979, No. 1). AIP Publishing. | **AIP Conference** | **2023** |
| Almomani O, **Almaiah MA**, Alsaaidah A, Smadi S, Mohammad AH, Althunibat A. Machine Learning Classifiers for Network Intrusion Detection System: Comparative Study. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 440-445). IEEE. | **IEEE** | **2021** |
| Al Nafea R, **Almaiah MA.** Cyber Security Threats in Cloud: Literature Review. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 779-786). IEEE. | **IEEE** | **2021** |
| Alamer M, **Almaiah MA**. Cyber security in Smart City: A Systematic Mapping Study. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 719-724). IEEE. | **IEEE** | **2021** |
| AlMedires M, **AlMaiah M**. Cyber security in Industrial Control System (ICS). In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 640-647). IEEE. | **IEEE** | **2021** |
| Bubukayr MA, **Almaiah MA**. Cyber security Concerns in Smart-phones and applications: A survey. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 725-731). IEEE. | **IEEE** | **2021** |
| Almudaires F, **Almaiah MA**. Data an Overview of Cyber security Threats on Credit Card Companies and Credit Card Risk Mitigation. In2021 International Conference on Information Technology (ICIT) 2021 Jul 14 (pp. 732-738). IEEE. | **IEEE** | **2021** |

### ✓ Supervisor or evaluator on Master Program

| | Title of thesis or Project in Master Program | Role |
|---|---|---|
| 1. | **Cybersecurity Threats, Countermeasures and Mitigation Techniques on the IoT using Machine Learning Algorithms** | **Supervisor** |
| 2. | **Blockchain-based source code vulnerability detection and prevention system** | **Supervisor** |
| 3. | **Protect Web Application from SQL Injection Attacks** | **Supervisor** |

| | | |
|---|---|---|
| 4. | Malware classification based on Machine Learning for DoS Attacks | Supervisor |
| 5. | Implementation of Intrusion detection and prevention with Deep Learning in IoT networks | Evaluator |
| 6. | Cybersecurity in Cyber-Physical Systems | Evaluator |

✓ **Editorial Journal Membership:**

| Name of Journals That Have Been worked as Associate Editor | Role |
|---|---|
| 1. International Journal of Cybersecurity and Risk Assessment (IJCRA) | Editor in Chief |
| 2. International Journal of Information Security and Privacy (IJISP) | Associate Editor |
| 3. International Journal of Smart Security Technologies (IJSST) | Associate Editor |

✓ **Guest Editor:**

| Name of Journals That Have Been worked as Associate Editor | Role |
|---|---|
| 1. Sensor Journal – MDPI | Guest Editor |
| 2. Electronics Journal – MDPI | Guest Editor |

✓ **Reviewer at Scientific Journals:**

| Name of Journals That Have Been worked as Reviewer | Role |
|---|---|
| 1. Computer Networking- Elsevier | Reviewer |
| 2. IEEE Access- IEEE | Reviewer |
| 3. IEEE Sensor- IEEE | Reviewer |
| 4. Computer In Human Behavior- Elsevier | Reviewer |
| 5. Concurrency and Computation: Practice & Experience – Wiley | Reviewer |
| 6. Journal of Computers in Education – Springer | Reviewer |
| 7. INQUIRY Journal – SAGE | Reviewer |
| 8. Electronics – MDPI | Reviewer |

## ✓ Committees Chairman and Membership:

| Council - Committee | place | Year |
|---|---|---|
| **Chairman of Postgraduate Studies and Scientific Research Committee** | **College of Information Technology (King Faisal University- Saudi Arabia)** | **2021- Now** |
| **Member of IEEE ComputerScience Society** | **IEEE Computer Science Society** | **2020-2021** |
| **Member of Committee ofResearch and Graduate Studies** | **College of Information Technology (King Faisal University- Saudi Arabia)** | **2017-2020** |
| **Member of the Council ofComputer Networks Department** | **College of Computer Science andInformation Technology (King Faisal University- Saudi Arabia)** | **2017-2020** |
| **Member of the Society ofDigital Information and Wireless Technologies (SDIWT)** | **Malaysia** | **2014-Now** |
| **Member of the Council ofComputer Science Department** | **College of Applied Studies andContinuing Education (Al-baha University)** | **2011 - 2013** |

## ✓ Training Courses:

| The Training Courses That Have Been Gotten | | | |
|---|---|---|---|
| **Courses** | **Donor Institution** | **Hours** | **place** |
| **Cisco Certified Network Associated (CCNA)** | Pioneers Training  Academy | 60 | Jordan |
| **Introduction to Cybersecurity** | Cisco | 30 | Saudi Arabia |
| **Essential to Cybersecurity** | Cisco | 45 | Saudi Arabia |
| **Cybersecurity Ops** | Cisco | 45 | Saudi Arabia |

## ✓ RESEARCH INTERESTS:

**Cybersecurity**
**Network Security**
**Mobile Applications**

## ✓ References:

| References | | | |
|---|---|---|---|
| **Name** | **Rank** | **University** | |
| **Prof. Natheer Obaidat** | Professor | University of Jordan –Jordan | |

## CURRICULUM VITAE

| | | | |
|---|---|---|---|
| **Dr. Mohammad AlNaiem** | Professor | King Faisal University- Saudi Arabia | |
| **Dr. Hussien Oweid** | Associate professor | MEU University- Jordan | |
| | | | |