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CURRICULUM VITAE

Farhan Abdel Fattah Ahmad Farhan

Cyber Security Department/ Faculty of Science and Information Technology,

Al Zaytoonah University of Jordan, Amman, Jordan.

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1. Personal Data

Date of Birth: 11/8/1970
Nationality: Jordanian

2. Education

- Ph.D. Computer Science \ Cyber Security 2011, University Utara Malaysia (UUM) Malaysia
- M.Sc. Computer Science 2006, University of Sains Malaysia (USM), Pinang, Malaysia
- B.Sc. Computer Science 2003, Philadelphia University , Amman, Jordan

3. Ph.D. Dissertation

Intrusion Detection in Mobile Ad Hoc Networks Using Transductive Machine Learning Techniques.

4. Employment

Academic Positions

- Assistant Professor Cyber Security Dept., Faculty of Science and Information Technology, Al Zaytoonah University of Jordan, Amman, Jordan 2022--present

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- Head of Cyber Security Dept. Faculty of Sciences and Information Technology Al Zaytoonah University   2020 - 2022
- Head of Computer Information Systems Dept. Faculty of Sciences and Information Technology Al Zaytoonah University   2020 -2022
- Assistant Professor, Department of Computer Science, Faculty of Science and Information Technology, Al Zaytoonah University of Jordan, Amman, Jordan 2012-2020
- Assistant Professor, Department of Computer Science, Faculty of Information Technology, Al Ahliyya Amman University, Amman, Jordan, 2011 - 2012.
- *Lecturer of Computer Science, Faculty of Computer & Information Techonolgy, Al-madinah International University, Malaysia 2008-2009*
- Lecturer of Computer Science. Department of Computer Science. General Organization Technical Education And vocational Training, Kingdom of Saudi Arabia 2004-2005.
- Teacher of mathematics Ministry of Education, Amman Jordan 1996-1999

5. Teaching Experience

Cyber Security Principles
Data Integrity and Authentication
Network security
Machine Learning
Programing language, java, python, c++,c
Data structure
Network
Database

6. Research Interests
Research in cybersecurity, network security, machine learning algorithms, data mining, computer security and reliability

7. Committee Membership
- Curriculum and Learning Resources Committee, Cybersecurity Department – Head
- Accommodation Committee - Cybersecurity Department, College of Science and Information Technology – Head
- Qualifications Determination Committee - Cybersecurity Department, College of Science and Information Technology - Member
- Equivalency, Guidance, Training and Graduate Follow-up Committee, Cybersecurity Department – Member

- Curriculum and Learning Resources Committee, Computer Science Department – Head
- Curriculum and Learning Resources Committee, Information Security Technology Department – Head
- Curriculum and Learning Resources Committee, Computer Science Department – Head

8. Scientific and Professional Meetings

- **Cybersecurity trackchair (ICIT 2023conference)**
  International Conference on Information Technology: Cybersecurity Challenges for Sustainable Cities, ICIT 2023
- **Cybersecurity trackchair (ICIT 2021conference)**
  11th International Conference on Information Technology (ICIT 2023)
- 10th International **Conference on Information Technology (ICIT 2021)**
  Advanced Machine Learning and Deep Learning IEEE Jordan Joint International Conference on Electrical Engineering and Information Technology JEEIT 2019

9. Publications

- F. Abdel-Fattah, K. A. Farhan and S. Fayyad, "Detecting double-spending attack in Blockchain Networks using k-nearest neighbor algorithm," 2025 12th International Conference on Information Technology (ICIT), Amman, Jordan, 2025, pp. 304-308, doi: 10.1109/ICIT64950.2025.11049288.
- A Methodology for Dynamic Security Risks Assessment in Interconnected IT Systems Fayyad, S., Alkhatib, A., Abdel-Fattah, F., Almimi, H. Journal of Communications Software and Systems, 2024, 20(1), pp. 13–22
- Abdel-Fattah, F., Fayyad, S., Heyari, A.M., Al-Zoubi, H. A Survey of Internet of Things (IoT) Forensics Frameworks and Challenges, 2023 International Conference on Information Technology: Cybersecurity Challenges for Sustainable Cities, ICIT 2023 - Proceeding, 2023, pp. 373–377
- Alzaareer, H.; Al-Zoubi, H.; Abdel-Fattah, F. Quadrics with finite Chen-type Gauss map, Journal of Prime Research in Mathematicsthis, 2022, 18(1), pp. 96–107
- Al-Zoubi, H., Abdel-Fattah, F., Al-Sabbagh, M, Surfaces of Finite III-type in the Euclidean 3-Space, WSEAS Transactions on Mathematicsthis link is disabled, 2021, 20, pp. 729– 735
- Rifaee, M., Rawajbeh, M.A., Alokosh, B., Abdel-Fattah, F. "A New approach to Recognize Human Face Under Unconstrained Environment" International Journal of Advances in Soft Computing and its Applications, 2022, 14(2), pp. 1–13
- F. Abdel-Fattah, F. AlTamimi and K. A. Farhan, "Machine Learning and Data Mining in Cybersecurty," *2021 International Conference on Information Technology (ICIT)*, 2021, pp. 952-956, doi: 10.1109/ICIT52682.2021.9491749.

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- Feras H. Al-Tarawneh , Ali M. Al-Naimat , Farhan Abdel-Fattah, Boshra Al-Tarawneh, "An Empirical Study for the Current Practice of COTS Software Selection in the Jordan Organizations", ICIC Express Letters An International Journal of Research and Surveys, 2019.
- Farhan Abdel-Fattah, Khalid A Farhan, Feras Altarawneh and Fadel Altamimi," Security Challenges and Attacks in Dynamic Mobile Ad Hoc Networks MANETs", 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT),2019.
- Farhan Abdel-Fattah, Khalid A Farhan, Feras Altarawneh and Mohammed Lafi, " *Survey Paper on Multicast Routing in Mobile Ad-hoc Networks* ", 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), 2019.
- Farhan Abdel-Fattah, Khaled A. Farhan, Feras H. Al-Tarawneh, Ali M. Al- Naimat ," Dynamic Intrusion Detection Technique for Dynamic Mobile Ad hoc Network", ICIC Express Letters, Part B: ApplicationsAn International Journal of Research and Surveys,2019.
- Farhan Abdel-Fattah, Zulkhairi Md. Dahalin, and ShaidahJusoh. Distributed and cooperative hierarchical intrusion detection on MANET.International Journal of Computer Applications, 12(5):32–40, December2010. Published By Foundation of Computer Science, USA.
- Farhan Abdel-Fattah, Zulkhairi Md. Dahalin, and ShaidahJusoh. Dynamicintrusion detection method for mobile ad hoc network using CPDODalgorithm. IJCA Special Issue on MANETs, (1):22–29, 2010. Published byFoundation of Computer Science, USA. (This paper was selected as BestPaper).
- Farhan A.F, Zulkhairi. D, and M.T. Hatim. Mobile agent intrusion detectionsystem for mobile ad hoc networks: A non-overlapping zone approach. InICI 2008 : 4th IEEE/IFIP International Conference in Central Asia onInternet, pages 1 –5, 2008.