QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

CURRICULUM VITAE

Full name :Adi Suleiman Mustafa El-Dalahmeh

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1. Personal Data

Date of Birth: 07/10/1997
Nationality: Jordanian

2. Education

- PhD Cybersecurity , 2024 , Teesside University , Middlesbrough , United Kingfom
- MSc Cybersecurity , 2021,Teesside University , Middlesbrough , United Kingdom

- BSc Computer Science , 2018 , Jerash University , Jerash , Jordan

3. Employment

Academic Positions

- Instructor, Cybersecurity, School of Engineering and Computing and Digital Information
- Assistance Professor , Department of Cybersecurity , Al-Zaytoonah University of Jordan

4. Research Interests

Cybersecurity, Security , Internet of Vehicles , Interner of Things

9. **Teaching Experience**

- *Graduate Courses*

  Mobile networks, IoT Security, System Administration and security

- *Undergraduate Courses*

  Internet application programming, Cryptography, Network (1) , Network (2) , OOP , Python

Conferences

1- **El-Dalahmeh, A.** , Jie.Li, M., El-Dalahmeh, G. and Razzaque , M.,Tan.Y. Chang.V , 2023. An Intrusion Detection System using the XGBoost Algorithm for SDVN . UKCI Conference, .
2- El-Dalahmeh, M., El-Dalahmeh, A. and Adeel, U., 2023. A critical review of software defined networks enabled vehicular ad hoc network. *International Journal of Future Computer and Communication*, *12*(3), pp.70-76.
3- El-Dalahmeh, A. and Mariah, E.A., 2025, May. Schnorr-Based Authentication Framework for Secure Vehicle to Vehicle Communication. In *2025 12th International Conference on Information Technology (ICIT)* (pp. 375-380). IEEE.

10. **Publications**

Provide numbered lists of:

1- El-Dalahmeh, A. and Alia, M., 2025. Enhancing VANET Security with Lattice-Based Cryptography and Dynamic Pseudonym Updates. Int. J. Advance Soft Compu. Appl, 17(2).
2- El-Dalahmeh, A. and Mariah, E.A., 2025, May. Schnorr-Based Authentication Framework for Secure Vehicle to Vehicle Communication. In 2025 12th International Conference on Information Technology (ICIT) (pp. 375-380). IEEE.

3- El-Dalahmeh, M., El-Dalahmeh, A. and Adeel, U., 2024. Analysing the performance of AODV, OLSR, and DSDV routing protocols in VANET based on the ECIE method. IET Networks.

4- El-Dalahmeh, A., El-Dalahmeh, M., Razzaque, M.A. and Li, J., 2024. Cryptographic methods for secured communication in SDN-based VANETs: A performance analysis. Security and Privacy, p.e446.

5- El-Dalahmeh, A., El-Dalahmeh, M. and Li, J., 2024, June. Enhanced Vehicle Detection through Multi Sensor Fusion Utilizing YOLO-NAS and Faster R-CNN. In 2024 International Joint Conference on Neural Networks (IJCNN) (pp. 1-6). IEEE.

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6- El-Dalahmeh, A., Jie.Li, M., El-Dalahmeh, G. and Razzaque, M.,Tan.Y.,Chang.V, 2023. An Intrusion Detection System using the XGBoost Algorithm for SDVN . UKCI Conference,

7- El-Dalahmeh, M., and El-Dalahmeh, A and Usman .A, 2023,A Critical Review of Software Defined Networks Enabled Vehicular Ad Hoc Network ICCSM Conference

8- Abu Maria, K, El-Dalahmeh,A, Abu Maria, E, and El-Dalahmeh, M , VANETs Built on SDN: Emerging Trends in Technology and Modeling, Journal of Electric Systems.

9- El-Dalahmeh, M., & El-Dalahmeh, A. (2025). A Secure Key Management Schemes for High-Mobility VANET Environments . International Journal of Advanced Science Computing and Engineering, 7(1). https://doi.org/10.62527/ijasce.7.1.243

10- El-Dalahmeh, A. and Mariah, E.A., 2025, May. Schnorr-Based Authentication Framework for Secure Vehicle to Vehicle Communication. In 2025 12th International Conference on Information Technology (ICIT) (pp. 375-380). IEEE.

11- El-Dalahmeh, A., Li, J. and El-Dalahmeh, M., 2025. A Secure Privacy-Preserving System for SDN-Based VANET Using the AES-ECDH Algorithm. IET Networks, 14(1), p.e70010.

12- El-Dalahmeh, A., Abu Maria, K., El-Dalahmeh, M. and Abu Maria, E., 2025. Software-defined vehicular ad-hoc networks: Trends, challenges, and future perspectives. International Journal of Computing and Digital Systems, 18(1), pp.1–18. doi:10.12785/ijcds/1571125710.