

Date .1/10/2023.

LIAL RAJA ABDELKAREEM ALZABIN



PERSONAL INFORMATION

Title: Faculty Member

Academic Rank: Assistant Professor

Date & Place of Birth: 15/07/1981 Jordan

Nationality: Jordanian

Address: Amman / Jordan

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Bachelor	Computer Science	1999-2003	Mutah University	Jordan
Master	Computer Informati on System	2006-2008	Arab Academic for Finance and Banking (ABBFS)	Jordan
Doctor of Philosophy	IOT & Sensor Network	2015-2019	School of Computer Science, University Sains Malaysia (USM).	Malaysia

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2021-2023	Head Of Department	Al Zahra College for Women	IT	Oman
2022-2023	Head Of Department	Al Zahra College for Women	General Foundation Year	Oman
2008-2014	Lecturer	Prince Sattam University	Computer Science Department	KSA
2003-2004	Teacher	Alzaytoneh university	Educational Learning Centre	Jordan

دائرة الموارد البشرية
Human Resources Department

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2019-2021	Programmer	Queen Rania Center	Design & System Analysis Department	Jordan
2004-2008	Programmer	Ministry of Education	IT department	Jordan

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
Al-Zabin, L. R., Al-Wesabi, O. A., Al Hajri, H., Abdullah, N., Khudayer, B. H., & Al Lawati, H.	Probabilistic Detection of Indoor Events Using a Wireless Sensor Network-Based Mechanism	<i>Sensors</i>	23(15), 6918.	2023
Bidaa Hamza Khudayer, Lial Raja Alzabin , Mohammed Anbar, Ragad M Tawafak, Tat-Chee Wan, Abir AlSideiri, Sohail Iqbal Malik, Taief Alaa	A Comparative Performance Evaluation of Routing Protocols for Mobile Ad-hoc Networks.	(IJACSA) International Journal of Advanced Computer Science and Applications	Vol. 14, No. 4	2023
Hamza Khudayer, Bidaa, Alzabin, Lial , Anbar, Mohammed, Tawafak, Ragad, Al-Amiedy, Taief, Iqbal Malik, Sohail, Alfarsi, Ghaliya.	AN OPTIMIZING REBROADCAST MECHANISM FOR MINIMIZING THE CONTROL OVERHEAD IN MOBILE AD-HOC NETWORKS.	Journal of Theoretical and Applied Information Technology	100. 2518-2527.	2022

دائرة الموارد البشرية
Human Resources Department

Missif, L.R., Kadhun, M.M., Wan, T.-C.	On event detection and tracking systems in sensor networks: Classification of structure and mechanisms	Advanced Science Letters	22(10), pp. 2700-2704	2016

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
Lial. R AlZabin M.JannathFirdouse Baidaa H Khudayer	A Literature Survey on Event Detection for Indoor Environment using Wireless Sensor Network	ICAETA: International Conference on Advanced Engineering Technology and Applicat	Istanbul, Turkey	2023
Missif, L. R., hshi, S. M., Karuppay anickam, S., & Labba	An Efficient Indoor Event Detection Mechanism Using Wireless Sensor Network	<i>2nd International Conference on Computer Applications & Information Security (CCAIS)</i> (pp. 1-6). IEE	Riyadh, KSA	2019
Missif, L. R.; Kadhum, M	Mathematical Modelling of Optimal Node Deployment for Indoor Wireless Sensor Networks	International Symposium on Innovation on Computer Science and Engineering (ISICSE	Hamburg, Germany	2016

دائرة الموارد البشرية
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Missif, Lial Raja, and Mohammad M. Kadhu	Dynamic sensing model for accurate detectability of environmental phenomena using event wireless sensor network	AIP Conference Proceedings. Vol. 1872. No. 1. AIP Publishing LLC	Cambridge, UK	2017
Alhalabi, Tat-Chee Lial Missif, Mohammed Elhalab	Performance Analysis of the Constructive Interference Flooding in Wireless Sensor Networks	8th International Conference on Information Technology (ICIT 17)	Amman, Jordan	2017

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

- 1- Head of the Website Committee / Al-Zahraa College for Girls
- 2- Head of the Student Guide Committee / Al-Zahraa College for Girls
- 3- Chair of the Central Committee for Unifying Admission Requirements to Comply with the Academic Accreditation Authority (OAAA).
- 4- Member of the Central Quality Assurance Committee
- 5- Member of the Central Committee for Scientific Research and Linking Scientific Research to Teaching
- 6- Member of the college's strategic plan committee
- 7- Member of the Central Committee for Local Community Service
- 8- Member of the Central Committee for Postgraduate Studies
- 9- Member of the Library and Learning Resources Committee
- 10- Member of the Central Committee for Curricula, Study Schedules and Examinations
- 11- Head of the Quality Assurance Committee at the College of Computer Science/Prince Sattam bin Abdulaziz University
- 12- Head of the Academic Advising Committee at the College of Computer Science/Prince Sattam bin Abdulaziz University

WORKSHOPS ATTENDED

1. OQF Challenges and Benefits (Invitation by OAQHE)
2. Cyber Security Attacks
3. Oracle Development

WORKSHOPS OFFERED

Python
SQL Server

RESEARCH INTERESTS

Wireless Networks
Internet of Things
Cyber Security

LANGUAGES

English
Arabic

OTHER COMMUNITY ACTIVITIES

Workshops:

11th Int'l Conference on Mathematical Modeling in the Physical Sciences (September 5-8, 2022)
International Year of Basic Sciences for Sustainable Development.

Workshop : <https://www.icmsquare.net>

Workshop: Connecting the World from the Skies connectivity on new space era (November 8-10, 2022)

Workshop: 8th International Conference of Managing Value and Supply Chains (MaVaS) (November 10-12, 2022)

Workshop : <https://csty2022.org/mavas/index>

Workshop: The 7th Public Sector Transformation Conference Tuesday, 29 November, 2022| Online will focus on digital sovereignty, interoperability and data sharing across the EU

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES

- DR. SHANKAR KARUPPAYAH

POSITION: Senior Lecturer at National Advanced IPv6 Center (NAv6), Universiti Sains Malaysia (USM) TEL: +60 12-406 2348 EMAIL: SHANKAR@NAV6.USM.MY

- ACCOS PROF. DR. SELVAKUMAR MANICKAM

POSITION: Associate Professor, National Advanced IPv6 Centre, Universiti Sains Malaysia (USM) EMAIL: SELVA@NAV6.USM.MY

- DR. MOHAMMAD ANBER

POSITION: Senior Lecturer at National Advanced IPv6 Center (NAv6), Universiti Sains Malaysia (USM) TEL: +60 14-244 9604 EMAIL: ANBAR@NAV6.USM.MY

- ACCOS PROF. DR. WAN TAT CHEE

POSITION: Associate Professor, National Advanced IPv6 Centre, Universiti Sains Malaysia (USM) EMAIL: TCWAN@USM.MY