



Omer Mohammed Khodayer Al-Dulaimi

Date of birth: 23/07/1993 | **Nationality:** Iraqi | **Gender:** Male | **Phone number:**

Email address: aldulaimiomer187@gmail.com |

Address: |

● EDUCATION AND TRAINING

01/10/2019 – Bucharest, Romania

PH.D.Doctoral IN THE TELECOMMUNICATIONS ENGINEERING DEPARTMENT, FACULTY OF ELECTRONICS, TELECOMMUNICATIONS, AND INFORMATION TECHNOLOGY, STARTING IN 2019, IN THE FIELD OF COGNITIVE RADIO NETWORKS, BUCHAREST, ROMANIA.

Website <https://upb.ro/>

01/10/2016 – 27/09/2018 Poznan , Poland

M.S.C. ENGINEERING, 2018, IN ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING, POZNAN UNIVERSITY OF TECHNOLOGY, POZNAN, POLAND. TOPIC FOR MY THESIS "INTERNET OF THINGS- LPWAN WIRELESS COMPARISON ".

Website <https://www.put.poznan.pl/en/>

01/10/2011 – 01/07/2015 Baghdad , Iraq

B.S.C ENGINEERING, 2015, IN THE COMPUTER COMMUNICATION ENGINEERING DEPARTMENT, AL-RAFIDAIN UNIVERSITY COLLEGE, BAGHDAD, IRAQ, TOPIC FOR MY THESIS: "4*4 OFMA-MIMO TECHNOLOGY".

Website <https://ruc.edu.iq/>

Baghdad , Iraq

NETWORKING AND MOBILE COMMUNICATION HUAWEI CERTIFIED.

Website <https://e.huawei.com/en/talent/cert/#/careerCert>

Baghdad , Iraq

CISCO FUNDAMENTAL CCNA AND PRACTICAL COURSE.

Website <https://www.cisco.com/c/en/us/training-events/training-certifications.html>

Baghdad , Iraq

MINISTRY OF SCIENCE AND TECHNOLOGY INTERNSHIP.

Website <https://moheer.gov.iq/ar/homeNews/newsTerm/58>

Baghdad , Iraq

IELTS COURSES AND CERTIFIED.

Website <https://www.ielts.org/>

Baghdad , Iraq

HUMAN DEVELOPMENT CERTIFIED.

Bagh, Iraq

ETHICS OF SCIENTIFIC RESEARCH.

Website <https://en.uoalfarahidi.edu.iq/index.php>

Baghdad , Iraq

SAFETY AND OCCUPATIONAL HEALTH.

Website <https://en.uoalfarahidi.edu.iq/index03.php>

Baghdad , Iraq

SCIENTIFIC RESEARCH AND DEVELOPMENT.

Website https://r.search.yahoo.com/_ylt=AwriqcvAv_xk9dofEwZXNyoA;_ylu=Y29sbwNiZjEEcG9zAzEEdnRpZANBREVOR1QxXzEEc2VjA3Nj/RV=2/RE=1694314561/RO=10/RU=http%3a%2f%2fnahrainuniv.edu.iq/RK=2/RS=aBJPTYK7ZIS20vUo.vFacV8Y_7o-

Baghdad , Iraq

CYBER SECURITY AND PROTECTION OF ELECTRONIC INFORMATION.

Website <https://en.uobaghdad.edu.iq/>

Baghdad , Iraq

LEGAL PROTECTION MECHANISMS FOR HUMAN RIGHTS.

● LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Mobile App Development(iOS and Android) | Networking (Cisco). | Optical Fiber Communication | Wireless Security and Cryptology. | Multimedia Systems. | Programming for Math lab and C++.

● ADDITIONAL INFORMATION

COMMUNICATION AND INTERPERSONAL SKILLS

- Ability to adapt to new environments quickly.
Can work independently as well as in a team.

CONFERENCES AND SEMINARS

Bucharest, Romania

Comparative Analysis of Software Defined Radio Platforms for Spectrum Sensing Applications A. Marțian, Florin L. Chiper, **Omer M. Kh. Al-Dulaimi**, Mahmood J. A. Al Sammarraie, C. Vlădeanu, and Ion Marghescu, in International Conference on Communications (COMM), pp. 369-374, June 2020, WOS: 000612723900065. [ISI Proceeding]

Link <https://comms.ro/comm2020/>

Bucharest, Romania

Cooperative Spectrum Sensing for Three Secondary Users with Sequential Relaying for Cognitive Radio Omer M. Kh. Al-Dulaimi, Mahmood J. A. Al Sammarraie, C. Vlădeanu, A. Marțian, and Dimitrie C. Popescu, "," in International Conference on Communications (COMM), pp. 221-226, June 2020, WOS: 000612723900040. [ISI Proceeding]

Bucharest,România

A Modified Double-Threshold Spectrum Sensing Algorithm Based on Adaptive-Threshold Mean Energy Detection C. Vlădeanu, **O. M. K. Al-Dulaimi** and A. Marțian, "", 2021 International Symposium on Signals, Circuits and Systems (ISSCS), pp. 1-4, 15-16 July Bucharest, Romania, 2021.DOI: 10.1109/ISSCS52333.2021.9497419. [Scopus, IEEE Xplore]

Link <https://ieeexplore.ieee.org/xpl/conhome/9497365/proceeding>

Baghdad,Iraq

Cognitive radio using spectrum sensing by cooperative two secondary users Omer. M. K. Al-Dulaimi, C. Vlădeanu, A. Martia, Aymen. Mohammed. K. Al-Dulaimi, and Mohammed K. H. Al-Dulaim, in IOP conference series: Materials science and engineering, 2021, vol. 1094, no. 1, p. 12031, DOI 10.1088/1757-899X/1094/1/012031. [Open Access]

Link [https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Cognitive radio using spectrum sensing by cooperative two secondary users](https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Cognitive+radio+using+spectrum+sensing+by+cooperative+two+secondary+users)

Bucharest,România

Triple-Threshold Energy Detection with Adaptive Intermediate Threshold for Cooperative Spectrum Sensing Omer M. K. Al-Dulaimi, Florin L. Chiper, C. Vlădeanu, and A. Marțian " ," 14th International Conference on Communications (COMM), pp. 1-6 June, 2022, DOI: 10.1109/COMM54429.2022.9817328. [Scopus, IEEE Xplore]

Kharkov, Ukraine,

Cognitive Radio Technologies and Applications in Dynamic Spectrum Access Method Omer M. K. Al-Dulaimi, Aymen M. K. Al-Dulaimi, and Mohammed K.H "" 9th International Conference on Problems of Info communications. Science and Technology, IEEE, 2022. [IEEExpolar publication]

Veliko Tarnovo, Bulgaria

Performing Strategic Spectrum Sensing Study for the Cognitive Radio Networks Omer M. K. Al-Dulaimi, Mohammed K.H, Maiduc Osiceanu Alexandra and Aymen M. K. Al-Dulaimi " International Conference on Communications, Information, Electronic and Energy Systems (CIEES 2022), IEEE, 2022, DOI: 10.1109/CIEES55704.2022.9990635.[Scopus, IEEE Xplore]

Istanbul, Turkey,

Analysis of Low Power Wireless Technologies used in the Internet of Things (IoT), Omer. M. K. Al-Dulaimi, Mohammed. K. H. Al-Dulaimi, and Aymen M. K. Al-Dulaimi, in 2022 2nd International Conference on Computing and Machine Intelligence (ICMI), 2022, pp. 1–6, doi: 10.1109/ICMI55296.2022.9873714. [Scopus, IEEE Xplore]

Ankara, Turkey,

Implementing 3GPP Code Division for Non-Orthogonal Multiple Access in 5G A. M. K. Al-Dulaimi, O. M. K. Al-Dulaimi, and M. K. H. Al-Dulaimi, " ," 2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2022, pp. 998-1006, doi: 10.1109/ISMSIT56059.2022.9932803. [Scopus, IEEE Xplore]

Strategy for Non-Orthogonal Multiple Access and Performance in 5G and 6G Networks Omer M. K. Al-Dulaimi, Mohammed K.H, Maiduc Osiceanu Alexandra and Aymen M. K. Al-Dulaimi, in MDP sensor journal, Vol. 23, Issue 3, Article Number 1705, DOI: 10.3390/s23031705, Published FEB 2023, WOS: 000930017200001. [ISI-Q1, IF 3.847]

Implementation Of Bayesian Approaches In 5G/6G For Cellular Communication Using Multiple Time Series Models Omer. M. K. Al-Dulaimi, Aymen M. K. Al-Dulaimi, M. O. Alexandra and Mohammed K. H. Al-Dulaimi, in Electrical Engineering and computer science, UPB Scientific Bulletin, Series C, vol. 85, no. 1, pp. 209 – 226, 2023, ISSN 2286-3540. [Journal Scopus, INSPEC/IET indexed]

Kavala, Greece

Cognitive Radio Network Technology for IoT-Enabled Devices Omer Mohammed. K. Al-Dulaimi, Mohammed Khodayer Hassan, Aymen Mohammed Khodayer Al-Dulaimi and Maiduc Osiceanu Alexandra. International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2023).[MDPI Engineering proceeding]

Link <http://eepes.eu/>

IEEE journal

Average Energy Detection with Adaptive Threshold for Spectrum Sensing in Cognitive Radio Systems

Omer M. K. Al-Dulaimi, C. Vlădeanu, A. Marțian, and Dimitrie C. Popescu, IEEE journal, August 2023. [Under publication]

Baghdad, Iraq,

Internet Security Impact on E-Banking Users Mohammed. K. Hassana, A. Hassanb, Aymen. M.

Khodayerc, and Omer. M. Khodayerd, "Internet Security Impact on E-Banking Users." first international conference on emerging technology trends on the smart industry and the internet of things (TTSIT2022), Feb, 2022. [ISI Proceedings pending]

Baghdad,Iraq

Resource blocks for real-time and data elastic traffic in IMS/LTE networks are developed and

studied Omer. M. K. Al-Dulaimi, Mohammed. K. H. Al-Dulaimi, and Aymen. M. K. Al-Dulaimi, International Middle Eastern Simulation and Modeling Conference (MESM), pp. 159–164, 2022. [Scopus,IEEExplore]

Link <https://www.eurosis.org/conf/mesm/2022/>

Kharkov, Ukraine

Security Measures of Protection for Banking Systems Mohammed K.H, Aymen M. K.Al-Dulaimi, and

Omer M. K. Al-Dulaimi " " 9th International Conference on Problems of Info-communications. Science and Technology, IEEE, 2022. [ISI Proceedings pending]

Ohio, USA.

Bandwidth Allocation Linear Unit with Resource Allocation Level 1 Design and Evaluation in LTE

Downlink Mohammed K.H, Aymen M. K.Al-Dulaimi, and Omer M. K. Al-Dulaimi "" International Conference for pure and applied sciences, USA, AIPjournal, 2023. [Under publication]

Veliko Tarnovo, Bulgaria

Design and Development of Free-Space Optical Transmission Systems and Applications, Aymen. M. K.

Al-Dulaimi, Omer. M. K. Al-Dulaimi, Mohammed. K. H. Al-Dulaimi, and M. O. Alexandra, in 2022 International Conference on Communications, Information, Electronic and Energy Systems (CIEES), 2022, pp. 1–6, DOI: 10.1109/CIEES55704.2022.9990826 . [Scopus, IEEExplore]

Security Issues for Banking Systems. Mohammed K. H, Aymen M. K, Ali Hassan, Omer M. K and Maryem

M , First International Conference on Computing, IoT and Data Analytics (ICCIDA)), Turkey, Sept, 2022. [Springer, Scopus]

Baghdad, Iraq

Security Enhancement in Cloud Computing system (CCS) Mohammed. K. Hassana, Aymen. M. Khodayer,

and Omer. M. Khodayer, second international conference on emerging technology trends on the smart industry and the internet of things (TTSIT2023), January, 2023. [ISI Proceedings pending]

Deep Learning For Wireless Network Distribution (5G/LTE). Omer Mohammed. K. Al-Dulaimi,

Mohammed Khodayer Hassan, Aymen Mohammed Khodayer Al-Dulaimi and Maiduc Osiceanu Alexandra, in Electrical Engineering and Computer Science, International journal of University POLITEHNICA of Bucharest, 2023 . [Under publication]

Kavala, Greece

Aspects of Artificial Intelligent Applications in Cyber Security to Decrease Threats and Restrict Cyber

Attacks for Smart Grids Mohammed. K. Al-Dulaimi, Aymen M. Khodayer Al-Dulaimi, Omer M. K Al- Dulaimi and Maiduc Osiceanu Alexandra, International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2023). [ISI conference accepted]

Taiz, Yemen,

Construction and Analysis of Dynamic Distribution for Resource Blocks of Real-Time and Data Elastic

Traffic in IMS/LTE networks Aymen Mohammed Khodayer Al-Dulaimi, Mohammed Khodayer Hassan Al-Dulaimi and Omer Mohammed Khodayer Al-Dulaimi, 2021 International Congress of Advanced Technology and Engineering (ICOTEN), 2021, pp. 1-7, doi: 10.1109/ICOTEN52080.2021.9493500. [Scopus, IEEExplore]

Design and Development of Free-Space Optical Transmission Systems and Applications Aymen. M. K.

Al-Dulaimi, Omer. M. K. Al-Dulaimi, Mohammed. K. H. Al-Dulaimi, and M. O. Alexandra," in 2022 International Conference on Communications, Information, Electronic and Energy Systems (CIEES), 2022, pp. 1–6. [Scopus, IEEExplore]