

Personal Data	
E-mail	Emad.j@sc.uobaghdad.edu.iq
Address	imad.j.mohammed@gmail.com
Status	imadJM@yahoo.com
Birth	Married (4 children), 21 Nov 1967 / Baghdad / Iraq
H/P	+964-7713512086



Qualifications:

Ph.D : National Advanced IPv6 (NAv6) Centre - **USM –Malaysia** **2011**
(Field: Network Traffic engineering and IPv6/MPLS)

M.Sc : Dept. of Computer science - **University of Technology. Iraq** **1996**
(Field: Character recognition and Image Processing)

B.Sc : Dept. of Computer Science - **University of Baghdad. Iraq** **1989**

My YouTube Channel:

<https://www.youtube.com/channel/UCTtjhSOk2b6pcFFOt5kCMvw/playlists>

Fields of Interest: Computer Networks domain (IPv6, MPLS, WSN, IoT, Mobility Applications, routing protocols, and network security), Software engineering, OS, OOP, Multimedia, image processing, data base, data mining, UML and software development.

Industrial working positions: Programmer, system analyst, software engineer, system engineer, and R&D in automation system group.

Research Interest: Published in Computer networks: IPv6 & MPLS, QoS, optimization of routing protocols, WSN, character recognition, IPv6 header compression, multicast, video/audio streaming e-learning, IDS and IoT, e-learning, mobile communication and network/information security.

Publications (OnLine):

ResearchGate: https://www.researchgate.net/profile/Imad_Mohamad

Google scholar: <https://scholar.google.com/citations?user=F-wCelwAAAAJ&hl=en>

Supervision on Postgraduate Students (Masters and Higher Diploma)

	<u>Master thesis</u>	<u>Year</u>	<u>Research Title</u>	<u>Status</u>
1	Zainab Aziz	2020	Dataset analysis - Research Field	Active
2	Yara Mohammed	2020	Internet Performance - Research Field	Active
3	Omar Salim	2019	Wireless communication - Research Field	Active
4	Ayaa F. Jabbar	2020	Development of Botnet Detection Algorithm	Graduated
5	Umniah K. Kadim	2020	Load balancing in data center networks using SDN controller	Graduated
6	Rami K. Ahmed	2019	A hybrid encryption approach to enhance mobile application security	Graduated
7	Jasim Mohammed Saadoon	2018	Enhanced AES Algorithm for Secure SMS Applications	Graduated
8	Saif Saad	2017	A Greedy based Rendezvous Point Selection Approach for PIM-SM Multicast Protocol	Graduated
9	Eman H. Khudhair	2017	A Prototype Model for Transition of Baghdad University to IPv6	Graduated

10	Safana M. Qasim	2017	Performance Enhancement of IPv6 over Satellite Links	Graduated
11	Amina Azzam Abdullah	2016	Content Based Approach for Email Phishing Detection	Graduated
12	Hiba Salah Mahdi	2015	An Adaptive PEGASIS Protocol for Low Energy Consumption in WSN	Graduated
13	Muna Khalaf Dhamad	2014	Arabic hand written segmentation and recognition	Graduated
	<u>Higher Diploma</u>	Year	Dissertation	Status
1	Aws Mejbel Younis	2021	Comparisons of virtual classroom solutions with an Apps prototype using Flutter and Dart	Active
2	Alaa Dawood Salman	2020	Prediction of IoT Future and Challenges	Graduated
3	Ali Mohammed Ali	2020	Statistical Dataset Analysis using R	Graduated
4	Sadeem Talal Mohammed	2018	Smart Home Implementation using IoT Blockly Programming	Graduated
5	Mohammed Hazim	2018	Optimizing the Cognitive Radio Decision based on Genetic Algorithm	Graduated
6	Ahmad Faleh Hasan	2017	Hacking WiFi Networks using Dsploit Hacking Tool	Graduated
7	Rasool Ahmad	2015	VPN infrastructure	Graduated
8	Marwa Karem Ismael	2015	E-Marketplace Prototype based on Business-to-Customer (B2C)	Graduated
9	Rami K. Ahmed	2014	The Transition Mechanisms from IPv4 to IPv6	Graduated
10	Abothar Sultan Abdulla	2014	Spam Filtering using Spambayes Tool	Graduated
11	Khalid Sabah Noori	2013	E-Learning System	Graduated
12	Ahmed Hashim Baqar	2013	Tracking system of Mail Packages using GPS	Graduated
13	Jasim Mohammed Saadon	2013	Mobile Application Development for Iraqi Universities using Objective C	Graduated

<p>International Certificates And Industry experience</p> <p>خبرات عملية في قطاع تكنولوجيا المعلومات</p>	<ul style="list-style-type: none"> • Certified IPv6 Network Engineer (CNE6 Level 1 - SILVER) • Certified IPv6 Network Engineer (CNE6 Level 2 - GOLD) • Mikrotik Certificates (MTCNA, MTCRE, MTCWE) <ul style="list-style-type: none"> ▪ Programmer - Ministry of Manufacturing / R&D center ▪ Developer at national company (AL khaewarizmee special software company) ▪ Software Engineer – (R&D) – USM Malaysia ▪ System Engineering II (R&D)– Asia and Pacific company – Malaysia ▪ Developer in IPv6 research center – iNetmon company team - Malaysia ▪ Member in scientific-consultation committee at different universities
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المناصب الادارية داخل العراق

1- مقرر الدراسة المسائية / قسم الحاسوب / كلية العلوم / جامعة بغداد 2012 - 2014

2- مدير شعبة الدراسات والتخطيط والمتابعة / كلية العلوم / جامعة بغداد 2016 - 2017

المناصب الادارية خارج العراق

3- رئيس قسم علوم الحاسبات / كلية التربية / جامعة حضرموت / اليمن 2004 – 2005

Academic and Industrial Experience (Working positions)

Academic Experience (working Position) خبرة اكااديمية	State الدولة	Duration الفترة	University/College الجامعة او الكلية
Lecturer	Iraq – Baghdad	Nov. 2012 – مستمر	University of Baghdad / College of Science / Dept. of Computer Science جامعة بغداد
Lecturer (part-time)	Iraq – Baghdad	2013 – 2014	Al-Mansour University College Dept. of CS and IT كلية المنصور الجامعة
Lecturer	Iraq – Baghdad	2011 – 2012	Al-Rafedain University College كلية الرافدين
Assist. Prof.	Sultanate of Oman سلطنة عمان	Oct 2007 – Feb 2009	Sohar University College of Computer Science & IT جامعة صحار
Senior Engineering- II	KL/Malaysia ماليزيا	2007	Creden Asia and pacific company automation شركة عالمية متخصصة في
Part Time Lecturer	KL/Malaysia ماليزيا	2007	Legenda group of colleges / Malaysia مجموعة كليات
(RO) Software Engineer	Penang/Malaysia ماليزيا – جزيرة بيننغ	2006 2010	USM/Penang جامعة العلوم الماليزية
Assist. Prof. (Head Of Computer Science Dept.)	Yemen Hadhramout اليمن – حضرموت	2004 – 2005	Hadhramout university of science & technology Faculty of Education / Dept. of Computer Science جامعة حضرموت
Full Lecturer	Jordan – Irbid الأردن - اربد	1999 – 2004 (5 years)	Jordan university of science & Technology(JUST) جامعة العلوم والتكنولوجيا الاردنية
Member of teaching staff	Libya Benghazi ليبيا – بنغازي	1998 – 1999	University of Qar Younis Dept. Of Computer Science جامعة قار يونس
Lecturer	Iraq Baghdad	1996 – 1998	Al-Mansour University College كلية المنصور الجامعة
Lecturer	Iraq Baghdad	1995 – 1997	Baghdad/ Institute of technology / Dept. Of CS جامعة بغداد – مؤسسة المعاهد الفنية – معهد الادارة
Programmer/ Analyst	Iraq Baghdad	1990- 1995	Al Khawarizmee special software Co. شركة برمجات

Given Courses تدريس مواد في الكليات والجامعات داخل وخارج العراق	<ul style="list-style-type: none"> ▪ Computer networks, Software engineering & UML, OS, Logic design, Assembly language, Computer architecture, Compilers, Computation theory, Modeling and visualization, OOP, C++, Java, Vbasic, Linux, Data base & SQL , data structure, algorithms, research methodology, project management, NS2, OTCL, E-commerce, computer graphics, operation research, ...
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Courses given in last years	<ul style="list-style-type: none"> ▪ Computer networks and communication (Introduction) to 3rd year students ▪ Advances computer networks to 4th year students ▪ UML/Software Engineer to 4th year students ▪ Advanced OPP to Higher Diploma ▪ Networks Protocols to Higher Diploma ▪ Computer networks to Masters
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