Dr. Abdulkader Alwer, Ph.D.,

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Summary

My name is Abdulkader Alwer, a driven and ambitious professional with a passion for information and networking technology. With a focus on people marketing and technical innovation, I aim to become a strategic leader in the field.

I am particularly interested in connecting with the Institute of Electrical and Electronics Engineers (IEEE) and working within their labs to advance their research and development. With a keen eye for the latest technological advancements, I am always seeking out new opportunities to grow and learn.

My extensive research and study in the field of information and networking technology include expertise in cyber security, networking protocols and their applications, IPv6 protocols, WLAN, security, data communication, wireless communication, and LTE network generation. With a broad range of knowledge and experience,I am well-equipped to take on any challenge in the field.

If you're looking for a dedicated and innovative professional with a deep passion for information and networking technology, look no further than me. Connect with me today to learn more about my skills and experience and how I can contribute to your organization's success.

My research and study include:
Networking protocols and their applications, IPv6 protocols, WLAN, Security, Data Communication, Wireless communication, and LTE Networks generation.

Experience

Assistant Professor
İstanbul Aydin University
Sep 2015 - Present (7 years 8 months)
Teaching Electronic and communication courses. Research and practical applications in IPv6 , Data communication , and Cybersecurity .
Also, I am supervisor for PhD and master students in fields of communication, AI, Cybersecurity.
I am also main trainer for many companies in fields of Cybersecurity, E transformation, Networking courses.
I am main reviewer for many journals like MDPI.

Assistant Professor at Communication Engineering Department
Al-Wataniya Private University
Sep 2012 - Aug 2015 (3 years)
This is a new department in this faculty specially in Hama.
This department focuses on How to build a good Communication Engineers to deal with real state in Society

Head of communication Engineering Department

Al-Wataniya Private University

Sep 2012 - Aug 2015 (3 years)

Head of communication Engineering Department

Supervisor of student, Teaching courses and developments of communication department

Assistant Professor at Communication Engineering Department

Alwadi International University

Feb 2011 - Aug 2012 (1 year 7 months)

Lecturer in Communication Engineering Department

Principal of Informatics' branch

Civil affair-Syria

Jan 2002 - Jul 2010 (8 years 7 months)

This branch contains more than 250 employees from all our conservatism. This Branch is one of national database on Civil- affair and contains all national Database conservation

Assistant teacher

Mamoun Private University for science and technology

Oct 2007 - Jul 2009 (1 year 10 months)

lecture

Manager of Network and Computers

Cham Palaces and Hotels

Apr 2005 - Apr 2006 (1 year 1 month)

Changed all computers in Aphamia Hotel into new ones and studied to increase performance of Aphamia Cham hotel Network. (Five Stars Hotel)

Supervised of electrical and electronic equipment

Alsafa company for Cotton's Oil

Mar 2001 - May 2002 (1 year 3 months)

Manager of Electronic and electrical equipment in Company

Education

Jami't Al-Ba'ath

Ph.D., Communication, Networking

2008 - 2011

PhD Degree In communication Engineering, my project is " Improving Route Optimization efficiency in Mobile IPv6 over WCDMA Packet Data Networks " My project is classified under this domain "Computer Networks and modern Applications that depending on it "

Jami't Al-Ba'ath

M.D, Communication, Networking

2005 - 2007

My MA project is " Internetworking with IPv6 Protocol ", and My Final Mark is " 93 % " This is the First project in ARABIC language that discusses this Subject

Aleppo University

High diploma, Communication, Networking

2001 - 2002

My graduate project in High Education diploma's degree was studying Ericson AXE 10 switchboard and how it's work?

Obtaining the second degree in High Education diploma's Certificate from Electronic & Electrical Engineering Faculty at Aleppo University and the average is "82%".

Jami't Al-Ba'ath

BSC, Communication, Networking, Information

1996 - 2001

My graduate project in bachelor's degree was controlling in product's line using PLC (programmable Logic Controller) Obtaining the second degree in bachelor's degree from Mechanical & Electrical Engineering Faculty at Alba'ath University and the average is "75.94%".

Licenses & Certifications

PhD in communication Engineering - Jami't Al-Ba'ath

Master in communication engineering - Jami't Al-Ba'ath

Introduction to Training of Trainers - Alison
AC-2064-16227987

Train the Trainer - LinkedIn

Introduction to 5G - LinkedIn

Cybersecurity Foundations (2020) - LinkedIn

GIAC Software Cyber Security - LinkedIn

Leadership Skills for The Future - Project Management Institute

in **Critical Thinking for More Effective Communication** - LinkedIn

Skills

Teaching • 5G • Teamwork • Cybersecurity • ToT • Self Learning

Honors & Awards

ALBASEL Certificate in academically excellence - Jami't Al-Ba'ath
Apr 1999

Tacked Second Place in third year in my college and my average is 75%

ALBASEL Certificate in academically excellence - Jami't Al-Ba'ath
Apr 1988

Tacked First Place in the second year in my college and my average is 75%

ALBASEL Certificate in academically excellence - Jami't Al-Ba'ath
Apr 2000

Obtained the first Place in fourth year in my college and my average is 75%

Research Assistantship - Jami't Al-Ba'ath
Jun 2008

Publications in journal

1. Abdulkader Alwer , Jawad Rasheed, Adnan M. Abu-Mahfouz , and Parvaneh Shams **, Study and Evaluation of Quality of Services in Mobile Internet Protocol v6 Using IEEE802.11e ,** Wireless Communications and Mobile Computing (SCI Q2) 2022(2):1-11 DOI: http://dx.doi.org/10.1155/2022/3092512, November , 2022

2. Abdulkader Omar Alwer, **Performance Evaluation for MIPv6 IN Pure IPv6 Networks vs. 6 TO 4 IP Mechanism Networks using OPNET**, international Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), Istanbul, Turkey, 2016.

3. Abdulkader Omar Alwer, **Performance Evaluation for MIPv6 IN Pure IPv6 Networks vs. 6 TO 4 IP Mechanism Networks using OPNET**, international Journal of Electronics, Mechanical and Mechatronics Engineering (IJEMME), Istanbul, Turkey, 2016.

4. Abdulkader Omar Alwer**, Enhancement Fast Handover Mechanism by Reducing Handover Latency Using 802.21 MIH Service in FMIPv6,** Mutah University Journal, Jordan, 2011.

5. Abdulkader Omar Alwer, **Performance Analysis of MIPv6 protocol in Handover Process in different working cases Using OPNET Modeler ® 14.0,** Aleppo University Journal, Syria, 2010.
   available online
   http://www.alepuniv.edu.sy/rja/
   /index.jsp?inc=105&id=2155&type=2&lang=ar&cat=881&pgnum=1&dispnewscatstree=1

6. Abdulkader Omar Alwer **, Performance Analysis of Enhancement FMIPv6 Protocol to Reduce Handover Latency Based on L2 Trigger ,** The Mediterranean Journal of Computers and Networks, Vol. 6, No. 3, 2010 ,UK,2010.
   available online http://www.medjcn.com/papers%20archive/Vol6-2010/vol6_3body.html

7. Abdulkader Omar Alwer, **Design and Analysis Enhanced Scheme to Reduce Latency in Handover Process between UMTS/WLAN networks using FMIPv6 in Predictive Mode Using OPNET Modeler ® 14.0 ,** Aleppo University Journal, Syria, 2010

8. Abdulkader Omar Alwer, **New method to reduce latency in fast handover for MIPv6 on predictive mode**, Mosharaka International Conference on Communications, Networking and Information Technology (MIC-CNIT2009) , Jordan, 2009

9. Abdulkader Omar Alwer, **Analysis and Simulation performance for handover in FMIPv6 protocol using OPNET Modeler ®**, Alba'ath University Journal, Syria, 2009**.**

10. Abdulkader Omar Alwer **,A Simulation Model of IEEE802.11B for Performance analysis of Wireless LAN Protocols, The International Arab conference of information Technology ACIT'2008 ,** Hammamet city-Tunisia, 2008**. Accepted paper on :** http://www.acit2k.org/ACIT/index.php?option=com_content&task=view&id=68&Itemid=182

11. Abdulkader Omar Alwer, **The Migration from Protocol IPv4 to IPv6 Mechanism , implementation & Cost**, Alba'ath University Journal, Syria,2007 available online : http://178.253.94.33/magazine/folders/researches/detail_id.php?newsid=815

12. Abdulkader Omar Alwer, **The Future Vision for Changing to use IPv6 protocol in Syrian Arab Republic**, The 5th Congress of Scientific Research Outlook in the Arab World, Fez-Morocco, 2008.

13. Abdulkader Omar Alwer, **The Future Vision for Changing to use IPv6 protocol in Syrian Arab Republic**, Alba'ath University Journal, Syria,2007.avalible online: http://178.253.94.33/magazine/folders/researches/detail_id.php?newsid=770

Affiliation

1. Institute of Electrical and Electronic Engineering (**IEEE**), 2007.

2. Professional Engineer in Syrian Engineering syndicate ,2001.

Professional Training courses (that I gave)

Period (dates)	Course/Certificate Title	Institution	City/Country
3/2023	Cyber Security in advance (10 days)	Ministry of oil	South Sudan
11/2022	MCSA windows server 2019	Ministry of Industry	Libya
11/2022	Advanced Engineering Maintenance	Libyana Telecom Company,	Libya
10/2022	CompTIA pentation test +	Ministry of Communications	Libya
9/2022	Digital transformation	Main Speaker	Libya
8/2022	Exacq vision security camera	Free Zone - Misurata	Libya
8/2022	CompTIA Security+	Ministry of Communications	Libya
6/2022	ITIL 4	Ministry of Oil	Sudan
5/2022	CompTIA Security+	Ministry of Oil	Libya
4/2022	CISM	Ministry of Oil	Sudan
12/2021	The reality of e-learning in vocational education institutions	Ministry of Vocational Education	Libya
7-2022	Digital transformation in General companies	Main Speaker	Libya
11-2021	ZTE Mobile station installation, configuration	Libyana communication	Libya
6-2021	MCSA	Misrata free zone	Libya

12-2020	Excange server 2016	General National Maritime Transport Company	Libya
5-2018	Information Security Awareness	Aldahran municipality	Istanbul /Turkey
3-2018	Microsoft Excel Beginner Training	Roshd Virtual University	Istanbul /Turkey
9-2017	Computer Driving License (ICDL)	Roshd Virtual University	Istanbul /Turkey
9-2017	Advanced Excel Course	Roshd Virtual University	Istanbul /Turkey
3-2018	Computer Network management	Ministry of electricity	Khartoum /Sudan
11-2017	Employment and work skills	ABC horizon	Istanbul /Turkey
2011-now	Electrical Circuits Fundamentals	IAU	Istanbul /Turkey
2015-now	Digital Communication Techniques	IAU	Istanbul /Turkey
2016-Now	Wireless Communications	IAU	Istanbul /Turkey
2016-Now	Antenna Systems Operation, Installation and Troubleshooting	IAU	Istanbul /Turkey
2015-Now	Advanced Digital Communication Techniques	IAU	Istanbul /Turkey
2015-Now	Packet Switch Core Network System Principles	IAU	Istanbul /Turkey
2011-Now	IP in Telecoms (Datacoms for Telecoms Professionals)	IAU, Alba'ath University (Ph.D. Thesis)	IST/Turkey, Homs/Syria
2017-Now	3G Network Optimization and Link Planning	IAU	Istanbul /Turkey
2011-Now	GSM Systems Operations	IAU, Alba'ath University (Ph.D. Thesis)	IST/Turkey, Homs/Syria
2011-Now	UMTS System	IAU, Alba'ath University (Ph.D. Thesis)	IST/Turkey, Homs/Syria
2007-Now	Computer Networks	Almammoun Private University IAU	Aleppo/Syria IST/Turkey
2007-2009	CCNA Routing & Switching	Almammoun Private University	Aleppo /Syria