

Bilal R. Al-Doori, Ph. D.

Al-Karkh, Baghdad, Iraq

EDUCATION

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| Doctor of Philosophy, Telecommunication and Networking Engineering
<i>University of Arkansas Little Rock, Little Rock, AR, USA</i> | December 2017 |
| Master of Science, Electronic and communication Engineering
<i>University of Al-Nabrain, Baghdad, Iraq</i> | March 2008 |
| Bachelor of Science, Electronic and communication Engineering
<i>University of Al-Nabrain, Baghdad, Iraq</i> | July 2005 |

CERTIFICATION

- Cisco Certified Networking Academy (**CCNA**), 2006.
- Cisco Wireless Academy in Fundamental of Wireless LANS (**CWNA**), 2006.
- IT Service Management (**ITSM**) by HP, 2012.

PROFESSIONAL DEVELOPMENT

- Trainings by Mamoun Private University of Science & Technology in Damascus and by Advanced Computer Technology in Beirut (2007- 2008).
- Training by **Asiacell** Company for Telecommunication:
“Asiacell Telecom Platform Course - **Huawei Technologies**”, 2009.
 - **GSM Communication Flow.**
 - **RF & RN Optimization.**
 - **Asiacell Transmission Network.**
 - **Mobile Intelligent Network.**
 By Nattapon.Sivemok@asiacell.com [Technical Trainer].
- Training by Al-Tabee Institute, **Principles of Oracle Data Base**, 2011.

SKILLS:

- Visual Basic, Office, MATLAB, Linux.
- **Telecommunication:** HFSS, CPLEX, LTE-Sim, ITSM.
- **Business and Data analysis:** R, IBM Watson Analytics, Tableau.

PROFESSIONAL EXPERIENCE:

- **Cisco Trainer** at AL- Mamoun Private University for Science & Technology, Damascus, Syria, 2006.
- **Senior IT Specialist** in Abraj Al-Baraka Company for Trading, Baghdad, Iraq, 2007-2011.
- **Senior IT Specialist** in Asiacell Company for Telecommunication, Baghdad, Iraq, 2006-2007.
- **IT Team Leader Engineer** responsible for the Iraq’s middle region at Asiacell Company for Telecommunication, Baghdad, Iraq, 2007-2008.
- **Instructor** at Baghdad University, Telecommunication Engineering Department, Baghdad, Iraq, 2008-2018.

AWARDS & SERVICES

- Award from the Iraqi Prime Minister to finish the Ph.D. degree in Telecommunication and Networking Engineering from the University of Arkansas at Little Rock, USA.
- MILCOM travel grant, 2015.
- UALR-EIT travel grant, 2015.
- MILCOM travel grant, 2016.



- UALR-EIT travel grant, 2016.
- UALR-GSA travel grant, 2016.
- TOFIQ award of academic excellence and distinction, Washington DC, USA, 2016.
- WCNC travel grant, 2017.
- UALR-EIT travel grant, 2017.
- UALR-GSA travel grant, 2017.
- MILCOM travel grant, 2017.
- Serving as reviewer for IEEE Wireless Communication Letters.

ORGANIZATIONS

- Member of the Iraqi Engineers Union.
- IEEE Communication Society.
- UALR Society.
- U.S. Soccer Federation Referee.

PUBLICATIONS

Conference Papers:

- **Bilal Al-Doori** and Jaber Aziz, [Design and Implementation of GPS-Based Direction Finding System](#), Al-Nahrain Engineering Conference, 2008.
- **Bilal Al-Doori** and Xian Liu, [A New Approach in LTE-A Downlink Power and Transport Block Management](#), IEEE MILCOM, 2015.
- **Bilal Al-Doori** and Xian Liu, [Efficient Power Allocation in LTE-A Based on Ordering Mechanism](#), IEEE CCNC, 2016.
- **Bilal Al-Doori** and Xian Liu, [Enabling NAICS to Mitigate Inter-Cell Interference in Evolving Wireless Networks](#), IEEE MILCOM, 2016.
- **Bilal Al-Doori** and Xian Liu, [Improving Power Consumption for Cellular-Based Machine-Type Communication Systems](#), IEEE WCNC, 2017.
- **Bilal Al-Doori** and Xian Liu, [Throughput and Power Management of Access Link DF Type I Relay Nodes for LTE-A Networks and Beyond](#), IEEE MILCOM, 2017.

Posters:

- **Bilal Al-Doori** and Xian Liu, [Efficient power allocation in LTE-A based on ordering mechanism](#), UALR EIT Open House, 2016.
- **Bilal Al-Doori** and Xian Liu, [Efficient power allocation in LTE-A based on ordering mechanism](#), UALR STUDENT RESEARCH AND CREATIVE EXPO, 2016.

Journals:

- **Bilal Al-Doori** and Xian Liu, [Dynamic Joint Carrier Aggregation Group Formation and Interference Alignments for Femtocell in LTE-A](#), IEEE Communication Letters, 2016.
- **Bilal Al-Doori** and Xian Liu, [The Impact of Efficient Transport Blocks Management on the Downlink Power in MIMO Spatial Multiplexing of LTE-A](#), IEEE Signal Processing Letters, 2016.

