

Personal Data:

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Scientific qualification

- **M.Sc. in In Engineering Science**, Electronics and Electrical Communications Engineering, 2019
Dissertation: ‘‘Performance Improvement of Data Offloading in Heterogeneous Wireless Networks’’.
- **B.Sc. in Electronics and Communications Engineering**, Faculty of Electronic Engineering, Menoufia University, 2015, with excellent degree.

Works & Knowledge:

- **Jan. 2016 - present:** Teaching assistant in Department of Electronics and Electrical Communications Engineering, Faculty of Electronic Engineering, Menoufia University.
- **Oct. 2015 – Dec. 2015:** An Engineer within the high technology devices dept. in EL Araby Group (TOSHIBA) in Egypt.
- **Sep. 2016 – Nov. 2017:** Member in a research project about 5G Cloud RAN, CRAN, architecture and its wireless front haul design, under management of National Telecommunications Regulatory Authority (NTRA) of Egypt.
- **Nov. 2017 – Oct. 2019:** Member in a research project in context of data offloading in Heterogeneous wireless networks and WiFi offloading capabilities, in cooperation with Etisalat Misr, as a mobile operator, under management of National Telecommunications Regulatory Authority (NTRA) of Egypt.
- Supervisor in Project of the Egyptian Universities satellite, under management of National Authority for Remote Sensing & Space Sciences.
- Certified CCNA (Cisco Certified Network Associate).

- Certified from Cisco Academy as an instructor for CCNA security.
- Certified from Cisco Academy as an instructor of CCNA Cyber security course.

Awards

- Best paper award in the 2nd Europe –Middle East –North African Regional Conference of the International Telecommunications Society (ITS), February 2019.
- First position award for a graduation project in Wireless communications field in Egyptian Engineering Day EED 2015.

Publications

1. Ahmed I. Abdulshakoor, Mahmoud M. Elmesalawy, Gamal A. Khalaf, and Moawad I. Dessouky “Backhaul-aware Scheduling Technique for LTE-WLAN Aggregation,” IEEE Wireless Communications and Networking Conference (IEEE WCNC 2019), Marrakech, Morocco, April 2019.
2. Ahmed I. Abdulshakoor, Mahmoud M. Elmesalawy, Noha A. Elmosilhy, and Ahmed M. Abd El-Haleem “Joint Network and Mode Selection in 5G Multi-RAT Heterogeneous Networks,” IEEE 42nd International Conference on Telecommunications and Signal Processing (TSP 2019), Budapest, Hungary, July 2019.
3. Ahmed I. Abdulshakoor, Mahmoud M. Elmesalawy, and Gamal A. Khalaf “Proportional Traffic Splitting for Efficient LTE-WLAN Aggregation in Multi-RAT Heterogeneous Networks,” 36th National Radio Science Conference (NRSC 2019), Port Said, Egypt, April 2019.
4. Ahmed I. Abdulshakoor, Mahmoud M. Elmesalawy, and Gamal A. Khalaf “Backhaul Effect on User Association in cellular and WiFi Networks,” International Telecommunication Society (ITS) conference, Aswan, Egypt, February 2019. (***Best Paper Award***)