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Research Experiences

- 2015-2017 **Taibah University, College of Engineering, Kingdom of Saudi Arabia**
Research Assistant
- 2013-2015 **University of Malaya, Faculty of Engineering, Malaysia**
Research Assistant
- 2010 **Ministry of Defense, Air Defense College, Arab Republic of Egypt**
Project Member

Education

- 2017 – 2021 **Czech Technical University in Prague, Faculty of Electrical Engineering, Czech Republic**
Ph.D. in Telecommunications
Thesis: Functional splitting related to scheduling between RRH and BBU
- 2013 – 2014 **University of Malaya (UM), Faculty of Engineering, Malaysia**
M.Sc. in Telecommunications
Master's by Coursework Research Project
Overall grade: Excellent
Cumulative Grade Point (CGP): 96.3/100
- 2006 – 2010 **Tanta University, Faculty of Engineering, Arab Republic of Egypt**
BSc. in Electrical and Electronic Communication Engineering
Thesis: Multi-Circular Arrays Analysis and Synthesis for Satellite Communication Systems and Implementation of Some Broad Band Antennas
Overall grade: Very good with Honors degree

Work experiences

- 2015-2017 **Ministry of water and Electricity, Kingdom of Saudi Arabia**
Electrical Engineering Consultant
- 2013 **Saudi Electronic University, Ministry of Higher Education, Kingdom of Saudi Arabia**
Head of the Technical Support Unit
- 2011-2013 **Ministry of water and Electricity, Kingdom of Saudi Arabia**
Electrical Engineering
- 2010 **SISCON Company, Arab Republic of Egypt**
Mobile Site Engineer

Research interests

5G, C-RAN, Cooperative Communications for Wireless Networks, Radio resource management in mobile networks.

Publication activities

M.A. Hassan, M.B. Elfiky, Y. Nukman, Reza Mahmoodian, "Monte Carlo Simulation Model for Magnetron Sputtering Deposition.", Advanced Material research, p.69, 2015 (ISI/SCOPUS Cited Publication).

Research Conferences

- 2014 **The third International Conference on Nanostructures, Nanomaterials and Nano-Engineering, Hong Kong**
Represent the University of Malaya in the Conference

Language skills

- Arabic Native
- English Fluent