Razan A Abdulhammed

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* **Education History**

PhD in Computer Science and Engineering Department - the University of Bridgeport.-USA

MSc in computer engineering in 2003

BSc in computer engineering in 1997

* **Academic Qualifications**
1. **Ph. D in Computer Engineering / University of Bridgeport USA -2019**
2. **M. Sc. in Computer Engineering/ University of Mosul -2003.**
3. **B. Eng. in Computer Engineering Technology/Technical college of Mosul -1997**.
* **Professional Qualifications**
	1. Cisco Networking Academy Courses Administration by the under design instructor in 2011 at Mosul Information Technology academy (CISCO)
	2. OPNET Training in 2015 at the University of Bridgeport.
* **Publications**

I have over 14 publications:

* Hassan Musafer, Razan Abdulhammed, Eman Abdel Fattah, and Khaled Elleithy."A Dynamic Clustering Algorithm for Object Tracking and Localization in WSN”. Conference: CAINE-2014, 27th International Conference on Computer Applications in Industry and Engineering, At New Orleans, Louisiana.
* Razan Abdulhammed, Miad Faezipour and Khaled Elleithy, Survey, “accepted in CRC Series in Security, Privacy and Trust - Taylor & Francis, Intrusion Detection and Prevention for Mobile Ecosystems, Nov. 2016.
* Razan Abdulhammed, Miad Faezipour, and Khaled Elleithy, [“Network Intrusion Detection Using Hardware Techniques: A Review,”](https://www.researchgate.net/publication/304189472_Network_intrusion_detection_using_hardware_techniques_A_review) IEEE Long Island Systems, Applications and Technology LISAT, Long Island, NY, April 2016
* Razan Abdulhammed, Miad Faezipour, and Khaled Elleithy, [“Detecting Malicious behavior of the Sensors and Actuators Embedded in Medical Devices: A hardware approach”](https://www.researchgate.net/publication/304189472_Network_intrusion_detection_using_hardware_techniques_A_review) IEEE Long Island Systems, Applications and Technology LISAT, Long Island, NY, May 2017
* **Academic Work Experience**

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| **Year** | **Experience** |
| 2017 |  Teaching assistant: Network Security, Data Communication and Networking, Internet of Thinks/University of Bridgeport  |
| 2016 | Teaching assistant : , Data Communication and Networking/University of Bridgeport |
| 2011-2012 | Teaching CCNA1, CCNA2 at Mosul Information Technology academy (CISCO) |
| 2011-2012 | Taught computer Architectures / Technical College of Mosul /Iraq |
| 2009-2011 | Taught Computer Application, system software, computer organization / Technical College of Mosul /Iraq |
| 2003-2007 | Taught Data Communication and networking/ Technical College of Mosul /Iraq |

* **Software’s and Programming Languages Skills**
* C# ,C++,Python, VHDL, Verilog
* OPNET,MATLAB,R,OMNET ++
* **Research Interest**
* Computer network, Wireless Sensor networks, Cyber Physical System, Internet of Thinks, Network Security, and Intrusion detection system.
* **Membership**

PHI Kappa PHI , Epsilon Pi Epsilon , IEEE , IEEE Women in Engineer , ACM Student membership ,SWE, Iraqi lecturers association –Mosul, CISCO networking academy at Mosul Information Technology academy,

* **Community service**
* Participate in an hour of code event at UB/2017, 2016.
* Represented Epsilon Pi Epsilon at UB/2015
* Represented my country (Iraq) at the international festival at UB /2016.
* Organize a team of UB students to participate in a hour of code events at Roosevelt elementary school, Bridgeport, Connecticut 2017
* Being an active member in Us to US, a voluntary work organization that is an affiliate of the Saudi Arabian Cultural Mission to the United States
* **Awards**
* Academic Achievement 2017
* First place /Doctorate categories in Faculty research day 2017 at UB
* A certificate of being an active member in Epsilon Pi Epsilon 2016
* Academic Achievement 2018
* Arab American Engineer 2018
* ACM/IEEE Academic Achievement 2018