Curriculum Vitae

Name: Dheyaa Tareq Sabah

Degrees Awarded

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| --- | --- | --- | --- | --- |
| 1 | Bachelor's Degree in Electronic Engineering | University of Diyala | Diyala, Iraq | 2004 |
| 2 | [Master of Science in Electrical Engineering](https://www.coursera.org/degrees/msee-boulder) | Al-Mustansiriya University | Baghdad, Iraq | 2011 |
| 3 | Master of Engineering | University of Missouri-Columbia | Missouri, USA | 2017 |
| 4 | Ph.D in Electrical and Computer Engineering | University of Missouri-Columbia | Missouri, USA | 2018 |

Research Area:

* Microwave Imaging.
* Electromagnetics and Antenna design.
* Digital Signal Processing.
* Communication Systems.

Publications:

1. Dheyaa T. Al-Zuhairi1, J. M. Gahl, A. Al-Azzawi, and N. E. Islam, “Simulation Design and Testing of a Dielectric Embedded Tapered Slot UWB Antenna for Breast Cancer Detection,” *Progress In Electromagnetics Research C*, vol. 79, pp. 1–15, Oct.2017.
2. Dheyaa T. Al-Zuhairi, J. M. Gahl, and N. Islam, “Compact Dual-Polarized Quad-Ridged UWB Horn Antenna Design for Breast Imaging,” *Progress In Electromagnetics Research C*, vol. 72, pp. 133–140, Mar.2017.
3. Dheyaa T. Al-Zuhairi, J. M. Gahl, A. M. Abed and N. E. Islam, "Characterizing Horn Antenna Signals for Breast Cancer Detection," IEEE Canadian Journal of Electrical and Computer Engineering, vol. 41, no. 1, pp. 8-16, winter 2018.
4. Dheyaa T. Al-Zuhairi, A. M. Abed, J. M. Gahl and N. E. Islam, " A New Window Function and Beamforming Algorithm for Microwave Breast Cancer Detection," [IET Microwaves, Antennas & Propagation (Under review).](https://www.iet-review.rivervalleytechnologies.com/journal/map)
5. Ahmad. M. Abed, Dheyaa T. Al-Zuhairi, J. M. Gahl and N. E. Islam, " Skin Artifact Removal Using Frequency Domain Approach in Breast Cancer Detection," (Under review).