

Academic Curriculum Vitae (Abeer Tariq Maolood)

Name: Abeer Tariq Maolood Al-Obaidy

Languages: Arabic / English

Place of Residence: Baghdad/ Iraq

Date of Birth: 1975

Religion: Muslim

Specialization: Computer sciences/ Computer Security

Research Specialization: Cyber Security, Networks security, Cryptography, Web Applications, neural network, Deep Learning, networks management.

Current Research Interests: Computer Security, Network Security, Cyber Security and Cloud Computing Security

Affiliation: University of Technology/ Computer Science Department.

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1. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	1998
M.Sc.	Technology	Computer Science	2005
PhD.	Technology	Computer Science	2010

2. Present Appointment:

Professor since 20/11/2022.

3. The last 10 published Papers

- 1- Ekhlās K. Gbashi¹, Abeer Tariq Maalood¹, Yaseen Naser Jurn “ Privacy Security System for Video Data Transmission in Edge-Fog-cloud Environment”, *International Journal of Intelligent Engineering and Systems*, Vol.16, No.2, 2023 DOI: 10.22266/ijies2023.0430.25.
- 2- Abeer Tariq Maalood, Ekhlās Khalaf Gbashi, Eman Shakir Mahmood, “Novel lightweight video encryption method based on ChaCha20 stream cipher and hybrid chaotic map”, *International Journal of Electrical and Computer Engineering (IJECE)*, Vol. 12, No. 5, October 2022, pp. 4988~5000 ISSN: 2088-8708, DOI: 10.11591/ijece.v12i5.pp4988-5000.
- 3- Ala'a Talib Khudhair, Ekhlās Khalaf Gbashi, Abeer Tariq Maalood, “A novel Dynamic S-Box based on password Key and Circle Map”, *Iraqi Journal of Science (IJS)*.
- 4- Asma Ibrahim Hussein, Abeer Tariq, Ekhlās Khalaf Gbashi, “A Review: E-voting Security in Mobile Fog Computing” *Iraqi Journal of computers communication control & systems Engineering*.
- 5- Asma Ibrahim Hussein, Abeer Tariq, Ekhlās Khalaf Gbashi, “A novel Chaotic Map to improve security Image based on Mandelbrot Fractals, university of Kerbala.
- 6- Hussein, A.I., Maalood, A.T., Gbashi, E.K., “NTRU_ SSS: A new Method Signcryption Post Quantum Cryptography Based on Shamir's Secret Sharing, *Computers, Materials and Continua* This link is disabled., 2023, 76(1), pp. 753–769.
- 7- Oudah, M.Sh., Maalood, A.T.: IoT-Key Agreement Protocol Based on The Lowest Work-Load Versions of The Elliptic Curve Diffie-Hellman , *Iraqi Journal of Science*, 2023, 64(8), pp. 4198–4207.
- 8- Maalood, A.T., Farhan, A.K., El-Sobky, W.I., ... Ahmed, H.E., Diab, T.O.: Fast Novel Efficient S-Boxes with Expanded DNA Codes , *Security and Communication Networks*, 2023, 2023, 5767102.

9- Oudah, M.S., Maalood, A.T.:New Pseudo-Random Key Generator for IoT-security Model Based on a Novel 3D Coupled Map Lattice,International Journal of Intelligent Engineering and Systems, 2022, 15(5), pp. 139–150.

10- Oudah, M.S., Maalood, A.T.:Lightweight Authentication Model for IoT Environments Based on Enhanced Elliptic Curve Digital Signature and Shamir Secret Share,International Journal of Intelligent Engineering and Systems, 2022, 15(5), pp. 81–90.

Overall, the outcome of all published research is as follows:

- More than 75 papers (local and global journal)
- More than 16 papers in Scopus index
- More than 10 papers in WoS in the ISI index

4. Short Biography

Abeer Tariq Maalood is a Professor in the Department of Computer Sciences, University of Technology-Baghdad-Iraq. She completed her Bachelor of Computer Science and Master of Science degrees in computer science, from the Department of Computer Sciences-University of Technology, Baghdad, Iraq, in 1998, and 2005, respectively. He received her Ph.D. degree in computer science from the University of Technology, Baghdad, Iraq 2010. In 1999 she joined the Department of Computer Sciences, University of Technology, as an academic staff member. Prof. Dr Abeer has been the author of numerous technical papers since 2007, her research interests include : Cyber security, Networks security, Cryptography, Web Applications , Chaos theory, and neural network.



5. Supervision

- 16 MSc Thesis
- 4 PhD dissertations in Computer Science

6. Discussion thesis of high graduate studies:

- Doctorate Thesis No. (15)
- Master's Thesis No. (30)

7. Important Sites:

Google Scholar:

<https://scholar.google.com/citations?user=FquCkC0AAAAJ&hl=en>

Research Gate:

https://www.researchgate.net/profile/Abeer_Tariq

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57189025253>

Publon:

<https://publons.com/researcher/1631638/abeer-tariq/>

Orcid:

<https://orcid.org/0000-0003-0816-4838>

8. Activities

- The head of the computer security Branch / Department of Computer Science / University of Technology 2013- 2016.
- Discussion thesis of high graduate studies: Doctorate Thesis No. (15) Master's Thesis No. (30)
- Resident scientific: Master's Thesis No. (16) and dissertation (4)

9. Date Curriculum Vitae Prepared:

2023-11-9

