

Academic Curriculum Vitae (Farah Tawfiq Abdul Hussien)

1. Personal Information:

Name: Farah Tawfiq Abdul Hussien Al-Hilo

Languages: Arabic / English

Place of Residence: Baghdad/ Iraq

Date of Birth: 1980

Religion: Muslim

Marital status: Married, 4 children's

Specialization: Computer sciences/ Data Security

Research Specialization: Cryptography, Cloud computing, Software Agent.

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

Affiliation: University of Technology/ Computer Science Department.

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Farahtawfiq80@gmail.com



2. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	2002
M.Sc.	Technology	Computer Science	2009
PhD.	Technology	Computer Science	2022

3. Present Appointment:

Lecturer since 19/4/2018.

4. The last 10 published Papers

1. An e-commerce recommendation system based on dynamic analysis of customer behavior, Sustainability, 2021.
2. A secure environment using a new lightweight AES encryption algorithm for e-commerce websites, Security and Communication Networks, 2021.
3. Recommendation systems for e-commerce systems an overview, Journal of Physics: Conference Series, 2021.
4. Design and implement a new secure prototype structure of e-commerce system, International Journal of Electrical and Computer Engineering, 2022.
5. A Secure E-commerce Environment Using Multi-agent System, intelligent automation and soft computing Journal, 2022.
6. STRUCTURAL DESIGN OF SECURE E-COMMERCE WEBSITES EMPLOYING MULTI-AGENT SYSTEM, Journal of Al-Qadisiyah for Computer Science and Mathematics, 2022.
7. A Block Cipher Algorithm Based on Magic Square for Secure E-bank Systems, computers, materials and continua , 2022.
8. Performance Evaluation of AES, ECC and Logistic Chaotic Map Algorithms in Image Encryption, International Journal of Interactive Mobile Technologies (iJIM), 2023.
9. A Proposed Text Encryption inside Video Using Harris Corner Detection and Salas20 Encryption Algorithm, Baghdad Science Journal, 2023
10. Enhancing data security using Laplacian of Gaussian and Chacha20 encryption algorithm, Journal of Intelligent Systems.

Overall, the outcome of all published research is

- 6 papers (local and global journal)
- 9 papers in Scopus index
- 6 papers in WoS in the ISI index

11. Short Biography none

Farah Tawfiq Abdul Hussien 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 information system analysis, from the Department of Computer Sciences-University of Technology, Baghdad, Iraq, in 2002, and 2009, respectively. He received her Ph.D. degree in information security from the University of Technology, Baghdad, Iraq 2022. In 2015 she joined the Department of Computer Sciences, University of Technology, as an academic staff member. Dr Farah has been the author of numerous technical papers since 2009, her research interests include Cryptography, programming languages, Chaos theory, and cloud computing.

12. Important Sites:

Google Scholar:

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F5dlx9ekCWbemZjG0TTL0DF9FGaO1ixmsLDUejf-ssWwQqBkPdylnz-8lpGX-ZG8iNNqMTcbStQaCU5sGEKVljCVQXKAeuPgc-MGLjsBXh6ycPkgU&user=ZcmcUF8AAAAJ

Research Gate:

<https://www.researchgate.net/profile/Farah-Tawfiq-2>

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57224319861>

Publon:

<https://www.webofscience.com/wos/author/record/2403266>

Orcid:

<https://orcid.org/0000-0003-2601-530X>

EDAS:

ID: [1969632](#)

13. Activities

1. Member of the Examination Committee at the Training and Laboratory Center for the years 2002-2003-2004
2. Director of the Scientific Affairs Division of the Office of the Scientific Assistant in the Presidency of the University of Technology for the years 2011-2012
3. Decision of the University Committee for Scientific Affairs for the years 2011-2012
4. Decision of the university committee for hazardous chemicals and toxic substances for the years 2011-2012
5. Director of the Scientific Products Division of the Assistant to Scientific Office of the President of the University 2014
6. Member of the Examination Committee of the Multimedia Branch for the years 2016-2017 -2018
7. Member of the Scientific Committee of the Multimedia Branch for the years 2016-2017 -2018
8. Member of the Educational Guidance Committee 2016
9. Member of the National Quality Classification Committee for the year 2018
10. Member of the Examination Committee of the information system Branch since 2021 till now
11. Member of the Scientific Committee of the information system Branch since 2021 till now
12. Member of the postgraduate committee since 2022 till now

14. Date Curriculum Vitae Prepared:

2024-10-23

