

Academic Curriculum Vitae (Alaa K. Farhan)

1. Personal Information:

Name: Alaa Kadhim Farhan Al-Saide

Languages: Arabic / English

Place of Residence: Baghdad/ Iraq

Date of Birth: 1981

Religion: Muslim

Marital status: Married, 2 children's

Specialization: Computer Science/ Data Security

Research Specialization: Cryptography, Cloud computing, Chaos theory, Mobile computing.

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

Affiliation: University of Technology/ Computer Science Department.

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Dralaa_cs@yahoo.com



2. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	2003
M.Sc.	Technology	Computer Science	2005
PhD.	Technology	Computer Science	2009

3. Present Appointment:

Professor since 12/10/2019.

4. The last 10 published Papers

1. Multi-layered non-local bayes model for lung cancer early diagnosis prediction with the internet of medical things.
2. Image Steganography Based on Chaos Function and Randomize Function.
3. Theoretical Background of Cryptography.
4. Optimization system based on convolutional neural network and internet of medical things for early diagnosis of lung cancer.
5. Fast Novel Efficient S-Boxes with Expanded DNA Codes
6. Optimized ensemble model for wind power forecasting using hybrid whale and dipper-throated optimization algorithms.
7. A Survey on Cybercrime Using Social Media.
8. Secure QR-Code Generation in Healthcare.
9. A Comparative Study of Anemia Classification Algorithms for International and Newly CBC Datasets.
10. White Clover (*Trifolium repens* L.) Cultivation as a Means of Soil Regeneration and Pursuit of a Sustainable Food System Model.

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

- More than 100 papers (local and global journal)
- More than 30 papers in Scopus index
- More than 20 papers in WoS in the ISI index

5. Other published resources

- Dataset publication in Mendeley/Elsevier (CBC Dataset, 22 Nov 2022, Mendeley).
- Dataset publication in Mendeley/Elsevier (Thalassemia Dataset, 22 Nov 2022, Mendeley).
- Dataset publication in Mendeley/Elsevier (Hematological Dataset, 22 Nov 2022, Mendeley).

6. Short Biography

Alaa K. Farhan is a Professor in the Department of Computer Science, University of Technology-Baghdad-Iraq. He completed her Bachelor of Computer Science and Master of Science degrees in Information Security, from the Department of Computer Science-University of Technology, Baghdad, Iraq, in 2003, and 2005, respectively. He received her Ph.D. degree in information security from the University of Technology, Baghdad, Iraq 2009. In 2005 he joined the Department of Computer Science, University of Technology, as an academic staff member. Prof. Dr Alaa has been the author of numerous technical papers since 2008, her research interests include Cryptography, programming languages, Chaos theory, and cloud computing.



7. Supervision

- 20 M.Sc Thesis
- 11 Ph.D Dissertations in Computer Science

8. Discussion thesis of high graduate studies:

- Doctorate Thesis No. (10)
- Master's Thesis No. (20)

9. Resident scientific:

- Master's Thesis No. (20).
- Upgrades of the scientific title of assistant teacher to teacher No. (5).
- Upgrades of the scientific title of a teacher to assistant professor, No.(5).
- Scientific journal numbers of Iraqi universities are (10).
- Journal of the Global Scientific IEE Branch Iraq.

10. Important Sites:

Google Scholar:

https://scholar.google.com/citations?user=7Bo6_bYAAAAJ&hl=en

Research Gate:

<https://www.researchgate.net/profile/AlaaFarhan/publications?sorting=recentlyAdded&editMode=1>

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=57195385426>

Publon:

<https://publons.com/researcher/1631259/alaa-kadhim-farhan/>

Orcid:

<https://orcid.org/my-orcid?orcid=0000-0002-1036-9392>

EDAS:

ID: [1698209](#)

11. Activities

- The head of the information system branch / Department of Computer Science / University of Technology 2010- 2011
- Associate dean of computer sciences from 2011-2013
- Discussion thesis of high graduate studies: Doctorate Thesis No. (30) Master's Thesis No. (40)
- Resident scientific: Master's Thesis No. (30) and dissertation (25)
- Upgrades of the scientific title of assistant teacher to teacher No. (10) Upgrades of the scientific title of a teacher to assistant professor, No. (10)
- Scientific journals number of Iraqi universities are (more than 10) Journal of the Global Scientific IEE Branch Iraq
- Proper 2 Books in computer security and programming language

12. Date Curriculum Vitae Prepared:

2023-9-1