Academic Curriculum Vitae

Nidaa Flaih Hassan AL-Alousi

Personal Information

Name: Nidaa Flaih Hassan AL-Alousi
Date and Place of Birth: 2/ 10 / 1965 Baghdad -Iraq.
Nationality: Iraqi
Degree Status: PhD in Computer Security
Scientific Degree: Prof. Dr.   Date: 2 / 8 / 2021
Email: Nidaa.f.hassan@uotechnology.edu.iq
Mobile: +9647812330443
Specialization: Computer sciences/ Computer Security
Affiliation: University of Technology_Iraq / Computer Science Department.

Graduate Degrees:

Degree	University	Graduation Date	Country
B. Sc.	University of Technology _Iraq / Computer Science Department	1988	Iraq
M. Sc	University of Technology _Iraq / Computer Science Department	1996	Iraq
Ph. D.	University of Technology _Iraq / Computer Science Department	2005	Iraq

Experience (Theoretical & Practical):

1. Structured Programming Languages (Pascal, C++), Visual Programming Languages (Delphi, Visual Basic), Operating System (UNIX, DOS, WINDOW), Software Engineering, Computer Organization, Information Technology, Microprocessors, Assembly Languages and Parallel Computer Architecture, Image Processing , Multimedia and Data Compression.

2. Supervision of under graduate students projects including different subjects such as (Steganography, Watermarking, Image Processing, and Cryptography).

3. Data Compression , Parallel Architecture and Web Engineering for PhD. and MSc. Students

4. Applying computer courses to the employees of educational institutes.

Scientific Activities:

1. **Supervision of high graduate studies:**
   - Number of Diploma, Masters and Ph.D. students
2. **Discussion thesis of high graduate studies :**
   - Diploma, Master and Ph.D. dissertation.
3. **Resident scientific :**
   - Master's thesis and Ph.D. dissertation
   - Scientific journals numbers of Iraqi universities.

Certificates

- Number of Thanks and appreciation Conferred by the various Iraqi universities in the field of computer science.

The last 10 published Papers

1. Digital Speech Files Encryption based on Hénon and Gingerbread Chaotic Maps
2. Comparative of Viola-Jones and YOLO v3 for Face Detection in Real time
3. Real-time face detection in digital video-based on Viola-Jones supported by convolutional neural networks.
4. Partial Face Encryption Based on CAT Swarm Optimization
5. Robust Watermarking in Video using Discrete Cosine Transform and Facial Landmarks
6. Multibiometric System with Runs Bits Permutation for Creating Cryptographic key Generation Technique
7. A Secure Private Key Recovery Based on DNA Bio-Cryptography for Blockchain
8. Wallet Key Generation for a Generic Blockchain based on Speech
9. The Defensive Methods Against Deepfake
10. Propose a new watermarking technique in digital video using facial landmarks

Important Sites

Site	Link
Google Scholar	https://scholar.google.com/citations?user=jjljzNQAAAAJ&hl=ar
Research Gate	https://www.researchgate.net/profile/Nidaa_Hassan
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56819763900
Orcid	https://orcid.org/0000-0003-2687-1878
Publons	https://publons.com/researcher/1628459/nidaa-flaih-hassan/
EADS	1583831

Short Biography

Dr. Nidaa borne in Iraq, Baghdad on September 12, 1965. She received Ph.D. degree in computer science from the Computer Science Department, University of Technology-Iraq 2005. She is currently a Full Professor at Computer Science Department, University of Technology-Iraq. She is supervised of many PhD. and MSc. Students, and she is the author of 70 researches that focused on her specialist. Her current researches interests include data and computer security, network security, and image processing.