

Name: -

Dr. Auday Hashim Saeed Al-Wattar

System analyzer, programmer , researcher
(University lecturer)



Education:-

PhD in Computer Science - “Security in Computing”,
Faculty of Computer Science and Information Technology Universiti Putra
Malaysia.

Master of Computer Science – “Security in Computing”, Authentication
using text in image steganography. Technical University – Baghdad-Iraq

Bachelor of Computer Science,
Mosul University-Iraq.

Contacts:-

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Experiences:-

1993-1996 Assistance head of computer department – Government
institutes -Baghdad

1996-2001 Head of computer department – Government institutes –
Baghdad

2001-2005 Research assistance in University of Technology – Baghdad

2006-2008 Registrar of Computer science and Mathematics -Mosul
University

2005-2010 Assist lecturer in Computer Science and Mathematics
collage –Computer Science Dept. - University of Mosul.

2005 Graduated with grade A -from Teaching permitting program
at Technology University- Baghdad

2006 Graduated with grade A -from Advanced Teaching
permitting program at Mosul University-Mosul

2011-2015 Researcher in computer security – UPM. Specialties in
security of information security, cryptography algorithms
and network security.

2016-2020 Senior Lecturer at Mosul University – Iraq

1993-2020 Design and programing many programs and database projects.

TEACHING EXPERIENCE

- 1994-2001 Teaching in Government higher education institutes the following courses:
(Programming languages, Data base Management, Software Applications, and Security of Computing).
- 2001-2004 Teaching Computer Science courses in Technical University (O.O programming, programming languages).
- 2005-2019 Teaching bachelors' students of Computer Science Department (consist of four grades) with the following specialists: -
- | Grade | Subjects |
|--------------|---|
| Grade 1: | Computer Applications |
| Grade 2: | Computer architecture, System programming |
| Grade 3: | Programming languages |
| Grade 4: | Computer Security Including the cryptography algorithms, network security, Linux OS, and System programming |
- 2005-2020 Supervised more than 70 Graduation projects for computer science students.

In addition to teach most computer science subjects.

Recent Publications:

- a) **Al-Wattar**, A. H., et al. (2015). A New DNA Based Approach of Generating Key-Dependent ShiftRows Transformation. *The International Journal of Network Security & Its Applications (IJNSA)*, 7(1): 79-89. ISSN: 0974-9330;0975-2307
- b) **Al-Wattar**, A. H., et al. (2015). A New DNA Based Approach of Generating Key-Dependent MixColumns Transformation. *The International Journal of Computer Networks & Communications (IJCNC)*,7(2). ISSN: 0974-9322;0975-2293
- c) **Al-Wattar**, A. H., et al. (2015). Generating a New S-Box Inspired by Biological DNA. *International Journal of Computer Science and Application(IJCSA)*. ISSN: 2324-7134; 2324-7037.
- d) **Al-Wattar**, A. H., et al. (2015). Review of DNA and Pseudo DNA Cryptography. *International Journal of Computer Science and Engineering (IJCSE)*. ISSN: (Online): 2278-9979
- d) **Al-Wattar**, A. H., et al. (2015). A New DNA-Based S-Box. *International Journal of Computer Science (IAENG)*.ISSN: 1819-9224;1819-656X. Accepted with revision.
- e) **Al-Wattar**, A. H., et al. (2015). Dynamic Key-Depending S-boxes Inspired by Biological DNA. *The Journal of Engineering (JoE)*. ISSN: 2051-3305.Submitted on 26-November 2014.

MEMBERSHIP

- Iraqi Society of Computer Science. -Baghdad.
- Iraqi Society of University Teachers. -Baghdad

Has a certification of

- Publons Academy peer reviewer
- COLLABORATIVE WORKING IN A REMOTE TEAM UNIVERSITY OF LEEDS AND INSTITUTE OF CODING