

## Curriculum Vitae for Dr. Ayad Hazim

**Last update: Jan 2020**



Date of Birth: 1982

Place of work: Computer Science Dep - University of Technology -Iraq

Languages: Arabic / English

Place of Residence: Baghdad -Iraq

Contact Mobile:

E-Mail: 10010@uotechnology.edu.iq

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### Academic Qualifications

B.Sc. Mathematics & computer application Alnahrain University-Iraq 2003.

MSc. Mathematuics & computer applications (Data Security ) Alnahran University) 2008.

Ph.D. Computing ( Computer security ), Plymouth University-UK 2018

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### The Scientific Degree:

Lecturer since 2018.

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### Position:

Lecturer in Computer security branch

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### Honors and awards

9 Certificates of appreciation from the university of technology Chnselor.

4 certificate of appreciation from the head of Computer science department .

Postgraduate Diploma in research training , Plymouth University UK

Postgraduate certificate in research training , Plymouth University, UK

Certificate of reviewing papers CEEC 2018, Essex university UK

Certificate of publication SCCS 2019, Baghdad-Iraq.

Certificate of reviewing CCIT 2019, AlAnbar University-Iraq

Certificate of reviewing ACRIT 2019, AlMaaref University college -Iraq

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### **Supervision on MSc. Thesis and PhD Thesis. in Computer Science**

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#### **Activities**

- Technical committee for ICDT Conference IARIA publisher.
- Technical reviewer for CEEC 2018 conference -Essex,UK 2018
- Technical reviewer for CCIT 2019 conference -AlRamady,Iraq 2019
- Technical reviewer for ACRIT 2019 conference , AlRamady,Iraq 2019

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#### **Current Research Interests**

Cybersecurity Security, Cryptography, Network security, Mathematics for computing, Error correction code, Data Science, Computer graphics.

**Researches:**

**The most recently published are:**

- 1- Al-Adhami, A.H., Ambroze, M., Stengel, I. and Tomlinson, M., 2019, March. An Efficient Improvement of RFID Authentication Protocol Using Hash Function ZKP. In *2019 2nd Scientific Conference of Computer Sciences (SCCS)* (pp. 87-92). IEEE.
  
- 2- Al-Adhami, A. Jassim H, 2019, September, An Innovative Bit Block Cipher Model for AES Article in *AUS Journal* 26(3):381.
  
- 3- Al-Adhami, A., Ambroze, M., Stengel, I. and Tomlinson, M., 2017, July. A 256 bit implementation of ECC-RFID based system using Shamir secret sharing scheme and Keccak hash function. In *2017 Ninth International Conference on Ubiquitous and Future Networks (ICUFN)* (pp. 165-171). IEEE.
  
- 4- Al-Adhami, A., Ambroze, M., Stengel, I. and Tomlinson, M., 2016, August. A Quorum RFID System Using Threshold Cryptosystem. In *2016 IEEE 4th International Conference on Future Internet of Things and Cloud (FiCloud)* (pp. 107-113). IEEE.
  
- 5- Al-Adhami, A., Ambroze, M., Stengel, I. and Tomlinson, M., 2016, July. A Quorum System for Distributing RFID Tags. In *2016 Intl IEEE Conferences on Ubiquitous Intelligence & Computing, Advanced and Trusted Computing, Scalable Computing and Communications, Cloud and Big Data Computing, Internet of People, and Smart World Congress (UIC/ATC/ScalCom/CBDCOM/IoP/SmartWorld)* (pp. 510-517). IEEE.
  
- 6- Al-Adhami, A., Ambroze, M., Cristopher, C., Stengel, I. and Tomlinson, M., 2015. A secure sharing design for multi-tag RFID authentication protocol.