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Baghdad/Iraq

RashaSubhi Ali

Education

Ph.D. in Computer Sciences/ Computer Sciences Department/ University Of Technology, 2017
MSc in College of Science / Computer Science Department/ Baghdad University, 2013
B.Sc. in Computer Sciences/ Computer Sciences Department/ University Of Technology,2008
Baghdad, Iraq

Key Skills gained:

- I have the skill to design systems and have designed two systems to deal with big databases, managing and protecting it and speeding up the process of retrieval from them
- Applying Security Attributes to Information Systems,Data Mining, Data Compression, Artificial Intelligent and Data Management in Big Database.
- Applying Microsoft Office
- Using Visual Studio, C++,Prolog, Vb.Net, SQL.
- Windows Tools Formatting
- Have good experience on Internet devicesformatting and programming

Technical skills

1. I have basic knowledge of programming languages:
   a. Visual Studio,C++ , Prolog,Vb.Net ,SQL,Oracle.
   b. Photoshop
2. Also, I have basic knowledge in all Microsoft office products such as (MS Excel, MS Word, MS PowerPoint, MS Access)
3. Also, I have skills in teaching. I was worked as a lecturer at AL-Turath University College.

Scientific Research Accepted and Published

No.	Research Name	The journal
1	Large Dataset Compression Approach Using Intelligent Technique	Journal of Advanced Computer Science and Technology Research, Vol.3 No.1, March 2013, 1-20
2	ICM Compression System Depending On Feature Extraction	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 4, Issue 3, May-June 2015
3	Dynamic Clustering for Information Retrieval from Big Data Depending on Compressed Files	(IJACSA) International Journal of Advanced Computer Science and Applications, (Included in MASTER JOURNAL LIST Of Thomson Reuters), Vol. 7, No. 1, 2016
4	Proposal New S-Box Depending on DNA Computing and Mathematical Operations.	IEEE, 2016 Al-Sadeq International Conference on Multidisciplinary in IT and Communication Science and Applications (AIC-MITCSA), (Included in Scopus), ISBN: 978-1-5090-3247-1
5	Enhancement CAST Block Algorithm to Encrypt Big Data	IEEE, Annual Conference on New Trends in Information & Communications Technology Applications 2017, IEEE Xplore, (Included in Scopus).
6	Retrieving Encrypted Query from Encrypted Database Depending on Symmetric Encrypted Cipher System Method	Diyala Journal For Pure Science, Vol: 13 No: 1, January 2017, P-ISSN: 2222-8373, E-ISSN: 2518-9255
7	Security Protocol of Keys Management System for Transmission Encrypted Data	I.J. Computer Network and Information Security, 2018, 1, 10-17, DOI: 10.5815/ijcnis.2018.01.02 ISSN: 2074-9090 (Print), ISSN: 2074-9104 (Online) IJCNIS Vol.10, No.1, Jan. 2018
8	HIDDEN ENCRYPTED TEXT BASED ON SECRETE MAP EQUATION AND BIOINFORMATICS TECHNIQUES	Journal of Theoretical and Applied Information Technology (Included in Scopus) 2019
9	Data Encryption Using Zigzag and sequences of BioMolecular Information	Indian Journal of Public Health Research & Development (Included in Scopus) 2019
10	Proposal to Prevent Phishing Attack Based on Secure Fingerprint	3th National Scientific Woman Conference 2019
11	SECURE LOCATION MAP AND ENCRYPTION KEY BASED ON INTELLIGENCE SEARCH ALGORITHM IN ENCRYPTION AND STEGANOGRAPHY TO DATA PROTECTION	International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 01, January 2019, pp. 8–24, Article ID: IJMET_10_01_002 (Included in Scopus)
12	Proposal For Encryption By Using Modified Play fair Algorithm And Bioinformatics Techniques	Published in International Conference of Information and Communication Technology (ICICT2019), ACM digital Library (Scopus)
13	Enhancement AES based on 3D Chaos Theory and DNA Operations Addition	Published in Karbala International Journal of Modern Science (Elsevier) (scopus)
14	A Novel Modified Under-Sampling (MUS) Technique for Software Defect Prediction	Published in the Computational Intelligence journal(WILEYonlineee library) (ThamsonReuters and Scopus) (Blackwell Publishing Inc.)
15	A New S-box Generation Algorithm Based on Multistability Behavior of a Plasma Perturbation Model	IEEE Access (included in Thamsonreuters clarivate and scopus)
16	A New Approach to Generate Multi S-boxes Based on RNA Computing	Accepted in International Journal of Innovative Computing,Information and Control (IJICIC) (included in scopus)

17	A Novel Solution for a Wireless Body Sensor Network: Telehealth Elderly People Monitoring	Egyptian Informatics Journal, 2019. https://doi.org/10.1016/j.eij.2019.11.004, Q2 Journal , (Elsevier) (scopus)
18	A Novel Augmented Reality to Visualize the Hidden Organs and Internal Structure in Surgeries	International Journal of Medical Robotics and Computer Assisted Surgery, 2019. DOI: https://doi-org.ezproxy.csu.edu.au/10.1002/rcs.2055, Q2 Journal , (clarivate) (scopus)
19	A Novel Rotation Invariant and Manhattan metric based Pose refinement: Augmented Reality for Oral and Maxillofacial Surgery	International Journal of Medical Robotic and computer assisted surgery, 2019, Q2 Journal. Conditional acceptance , (Elsevier) (scopus) (clarivate)

Also I am working as a reviewer into two journals(International Journal of Medical Robotics and Computer Assisted Surgery and International Journal of Imaging Systems and Technologyand also Health Informatics Journal) which are included in the most important databases (thamsonreuters and scopus), also it is belonging to the wiley publisher which is belonging to the big publisher list.

Languages

- Native Arabic
- English (read, write, speak)

Published Books (English)

- E-book printed on demand

- Title: "Time Optimization of Encrypted Query Retrieval for Intelligent Big Data"

- Authors: RashaSubhi Ali, Prof. Dr. Ghassan H. Abdul Majeed, and Asst. Prof. Dr. AlaaKadhim Farhan

- Publisher: " LAP LAMBERT Academic publishing " – Germany

- "Time Optimization of Encrypted Query Retrieval for Intelligent Big Data" LAP LAMBERT Academic Publishing, ISBN-978-613-7-33293-1

Appreciation certificates

1. Certificate of appreciation in the course of the integrated computer education with a degree of excellence from the University of Mustansiriya
2. Certificate of Appreciation in the course of efficiency in computing from the University of Technology
3. Certificate of appreciation in TOEFL from Mustansiriya University

4. Certificate of appreciation in teaching methods with a degree of excellence from the University of Technology

5. Technology and (IC3) Donor Computing Center at the University of Information and Communication Technology (Iraqi Commission for Computers previously)

6. The validity of teaching from the University of Technology.

7. Certificate of Safety Arabic Language from the University of Technology

Reviewing certificates

Conferences

1. 2019 ACM International Conference Proceeding Series (International Conference of Information and Communication Technology 2019)

2. Data Encryption Using Zigzag and sequences of BioMolecular Information (st International Conference on Safety and Security of the Scientific Applications (ICSSSA))

3. Enhancement CAST block algorithm to encrypt big data (2017 Annual Conference on New Trends in Information and Communications Technology Applications, NTICT 2017)

4. Proposal new s-box depending on DNA computing andmathematical operations (Al-Sadiq International Conference on Multidisciplinary in IT and Communication Techniques Science and Applications, AIC-MITCSA 2016)

5. Proposal to Prevent Phishing Attack Based on Secure Fingerprint (3th National Scientific Woman Conference)