CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza

Ahmed Yehya A. Mahmoud

Last Update:04/10/2020

PERSONAL DETAILS

Date Of Birth	6/1/1975	**Place Of Birth**	Gaza
Nationality	Palestinian		
Martial Status	Married	**Gender**	Male
Designation	Associate Professor		
Department	Information Technology		
Faculty	Engineering and Information Technology		
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ACADEMIC QUALIFICATIONS

(YEAR ,QUALIFICATION ,INSTITUTION ,TITLE)

2012	Doctoral Degree, PHD,University of Eastern Mediterranean Famagusta, TRNC. Computer Engineering (Development of Matrix Cipher Modifications and Key Exchange Protocol)
2001	Master Degree, MSC,University of Eastern Mediterranean Famagusta, TRNC. App. Math. & Comp. SC. (Algorithms and an Integrated Computer System for Visualization of Discrete Objects.)
1997	Bachelor Degree, BSC,University of Al-Zaytoonah Private Jordanian Amman, Jordan (Computer Science)

CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT ,ORGANIZATION)

2017 , till now	Associate Professor ,Information Technology Dept., Faculty of EIT, Al-Azhar University
1997 ,1999	Teaching Assistant ,Department of Computer Science, University of Al-Azhar
2001 ,2006	Lecturer ,Department of Computer Science, Al-Azhar University
2012 ,2017	Assistant Professor ,Information Technology Dept., Faculty of EIT, Al-Azhar University

ADMINISTRATIVE DUTIES

2015 , till now	Chairman of Postgraduate Studies Committee in the Faculty of Engineering and Information Technology ,Faculty
2020 , till now	Chairman of Information Technology Department ,Department
2019 ,2019	Vice Dean of Postgraduate studies ,University
2015 ,2019	Chairman of Information Technology Department ,Department
2012 ,2014	Coordinator of Information Technology issues ,University
2012 ,2014	Chair of laboratory and engineering workshops committee ,Faculty
2012 ,2019	Faculty Council ,Faculty

AREAS OF EXPERTISE

Parallel Programming and Distributed Systems , Design and Analysis Algorithms , Cryptographic , Information Security ,

SELECTED PUBLICATIONS

- (Book \ Chapter in Book)

1 Evgueni Doukhnitch, Alexander Chefranov, Ahmed Mahmoud (2013) . Encryption Schemes with Hyper-Complex Number Systems and their Hardware-Oriented Implementation", book chapter in Theory and Practice of Cryptography Solutions for Secure Information Systems, IGI,

- Article in Academic Journal

1 Ahmed Y. Mahmoud Suheir H. Almurshidi (2017) . Backburner Management For Network Rendering 3DS MA,Journal of Multidisciplinary Engineering Science Studies (JMESS),3(3) ,1450-1453

2 Ahmed Y. Mahmoud and Ali Osama Mahdi (2016) . Comments on Multi-Window Against Mobile Application Lock,Journal of Multidisciplinary Engineering Science Studies (JMESS),2(5, May - 2016) ,494-497. (ISI Cited Publication)

3 Ahmed Y. Mahmoud, Mohammed S. Barakat, and Mahmoud J. Ajjour (2016) . Design and Development of ELearning University System,Journal of Multidisciplinary Engineering Science Studies (JMESS),2(5, May - 2016) ,498-504. (ISI Cited Publication)

4 Ahmed Mahmoud and Alexander Chefranov (2014) . Hill Cipher Modification Based on Pseudo-Random Eigenvalues HCM-PRE,Applied Mathematics and Information Sciences (SCI-E),8(2) ,pp. 505-516. (ISI Cited Publication)

5 Ahmed Mahmoud and Alexander Chefranov (2014) . A Hill Cipher Modification Based on Eigenvalues Extension with Dynamic Key Size HCM-EXDKS ,I.J. Computer Network and Information Security, 2014, 5,() ,57-65. (ISI Cited Publication)

6 Ahmed Mahmoud and Alexander Cherfanov (2012) . Secure Hill Cipher Modification Based on Generalized Permutation Matrix SHC-GPM,Information Science Letter,1(2012) ,pp. 91-102. (ISI Cited Publication)

7 Evgueni Doukhnitch, Alexander Chefranov and Ahmed Mahmoud (2012) . Quaternion Encryption Scheme Modification Resistant to Known Plaintext- Ciphertext Attack and its Hardware-Oriented Implementation,Applied Mathematics and Information Sciences (SCI-E),To appear() ,http://naturalspublishing.com/FC.asp?JorID=1. (ISI Cited Publication)

- Proceedings

1 Alexander G. Chefranov, Ahmed Y. Mahmoud (ISCIS 2013) . Commutative Matrix-based Diffie-Hellman-Like Key-Exchange Protocol. ,28th International Symposium on Computer and Information Sciences,Paris,28-29 October,pp. 317-324. (ISI Cited Publication)

2 Alexander Chefranov and Ahmed Mahmoud (2010) . Public Key Cryptosystem and signature Scheme in GU(m,p,n),3rd International Conference on Security of Information and Networks, Taganrog, Rostov-on Don, Russia,Mosco,7-11 September 2010,pp. 164-168. (ISI Cited Publication)

3 Ahmed Mahmoud and Alexander Chefranov (2010) . Secure Hill Cipher Modifications and Key Exchange Protocol,IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010-THETA 17th edition,Cluj-Napoca,May 28-30 2010,pp. 164-168. (ISI Cited Publication)

4 Ahmed Mahmoud and Alexander Chefranov (2009) . Hill Cipher Modification Based on Eigenvalues HCM-EE,2nd Int. Conf. Security of Information and Networks (SIN2009), Gazimagusa (TRNC) North Cyprus, Elci, A., Orgun, M., and Chefranov, A. (Eds.), ACM, New York, USA,Gazimagusa ,October 6-8 2009,pp. 164-167. (SCOUPS Cited Publication)

SUPERVISION

(DEGREE ,CANDIDATES ,THESIS ,SESSION ,YEAR)

Completed
* Master ,Masoud Issa Masoud Elagha ,Encryption Based on Multilevel Security for Cloud Computing   ,2019 ,Al-Azhar University
* Master ,Mosbah Jalal Mohamad Mousa ,Theory and Practice of Forensics Techniques for Smart Phones   ,2018 ,Al-Azhar University
* Master ,Reem Thabet ,العوامل المؤثرة على قبول المستخدم النهائي لنظام تخطيط موارد المنظة (ERP)   ,20, ,Al-Azhar University

Ongoing
* Master ,Mohanad Heles ,Secure Software and Web Development   ,2017 ,Al-Azhar University

Completed
* Master ,Ali Mahdi ,Analysis and Development of Block Cipher Algorithm   ,2017 ,Al-A University
* Master ,Mohammed Elhabash ,Theory and Practice of Securing Social Media Techniques ,2017 ,Al-Azhar University
* Master ,Rami Mohammed Eldahdouh ,Parallel Implementation and Analysis of Encryption Algorithms   ,2017 ,Al-Azhar University
* Master ,Noor Naser Abo Eloun ,Analysis and Implementation of Encryption Algorithms for Multimedia   ,2017 ,Al-Azhar University
* Master ,Ahmed Kalil Elkahlout ,Relationship Between Business Process Re engineering and Achieving the Competitive Advantage in the Palestinian Universities in Gaza ,2017 ,
* Master ,Marwa Nabail Elhayek ,The Relationship of Social Media Marketing In Strengthening The Management of Customer Relationship In Information Technology Companies - Gaza ,2017 ,
* Master ,Ann Said AbedElwahed ,Information Security Policies and its Relationship with the Effectiveness of Management Information Systems in Palestinian Universities – Gaza Strip ,2014 ,

TEACHING

First Degree	* Information Security
	* Management Information Systems
	* Simulation and Modeling
	* Operating Systems I & Operating Systems II
	* Management Information Systems
	* Computer Networks
	* Computer Architecture and Assembly Language
	* Algorithm Analysis and Design
	* Programming Language: Delphi, C and C++, Visual Basic, Java, C#
Post Graduate	* Selected Topic in Computing and Information Systems 2
	* Advanced Information Security
	* Cryptography and Network Security

SKILLS

(SKILL ,PROFICIENCY)

languages: English ,Very Good

languages: arabic ,Excellent