

# CURRICULUM VITAE

جامعة الأزهر  
Al-Azhar University-Gaza



Ihab S. Zaqout

Last Update:22/06/2024

## PERSONAL DETAILS

Date Of Birth	25/5/1965	Place Of Birth	Libya
Nationality	Palestine		
Martial Status	Married	Gender	Male
Designation	Professor		
Department	Information Technology		
Faculty	Engineering and Information Technology		
Tel. No. (Office)			
Fax No.			
Mobile No.	+970599416622		
E-mail Address	i.zaqout@alazhar.edu.ps ihabzaqout@gmail.com		
Address(Office)			
Address (Home)	Lababidi St., Gaza, Gaza Strip		

HURL

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## ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

2006	Doctoral Degree, PHD, University of Malaya, Kuala Lumpur, Malaysia (Philosophy of Doctorate in Computer Science)
2000	Master Degree, MSC, University of Jordan, Amman, Jordan (Master of Computer Science)
1987	Bachelor Degree, BSC, University of El-Fateh, Tripoli, Libya (Bachelor of Computer Science)

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## CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT , ORGANIZATION)

2019 , till now	Full Professor , University of Al-Azhar, Gaza, Palestine
2013 , till now	Associate Professor , University of Al-Azhar, Gaza, Palestine
2006 , 2013	Assistant Professor , University of Al-Azhar, Gaza, Palestine
2003 , 2006	Lecturer , International Islamic Univ., K. L., Malaysia
2000 , 2001	Lecturer , University of Al-Azhar, Gaza, Palestine
1996 , 1998	Assistant Lecturer , University of Al-Azhar, Gaza, Palestine
1995 , 1996	Senior Programmer , Municipality of Gaza, Gaza, Palestine
1988 , 1995	Junior Programmer , The General Company for Chemical Industries, Libya

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**ADMINISTRATIVE DUTIES**

(START\_DATE - END\_DATE , ROLE ,LEVEL)

2011 , Technical coordinator for faculty projects ,Faculty  
2008 ,2010 Head ,Department  
2010 ,2012 Dean ,Faculty

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**PROFESSIONAL AFFILIATION/MEMBERSHIP**

(YEAR ,ORGANISATION ,ROLE ,LEVEL)

2017 International Journal of Computers and Technology,Editorial Board Member,International  
2017 Al Azhar University – Gaza,Member of the IT Curriculum Development Committee in BITPAL Project,National  
2017 International Journal of Research Innovations in Knowledge Discovery & Mining,Editorial Board Member,International  
2016 Al Azhar University – Gaza,Representative of the Faculty of EIT in the Academic Quality Committee,University  
2015 Al Azhar University – Gaza,Member of the Postgraduate Studies Committee in the Information Technology Dept,University  
2013 Al Azhar University – Gaza,Member of the E-Learning Study Committee,University  
2012 Al Nayzak for Supportive Education and Scientific Innovation,Jury,National  
2011 Al Nayzak for Supportive Education and Scientific Innovation,Jury,National  
2010 Al Nayzak for Supportive Education and Scientific Innovation,Jury,National  
2009 IEEE Al-Azhar University – Gaza Student Branch, Region 8,Counselor ,International  
2008 Al Azhar University – Gaza,Member of Editorial Board of the Journal of Al Azhar University – Gaza (Natural Sciences),University  
2007 Al Azhar University – Gaza,Member of Editorial Board of the Journal of Al Azhar University – Gaza (Natural Sciences),University

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**AREAS OF EXPERTISE**

(AREA)

Data Mining , Digital Image Processing , Artificial Neural Networks ,

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**SELECTED PUBLICATIONS**

- 1 Ihab Zaqout, Samy S. Abu-Naser, Suliman A. El Talla, and Mazen J. Al Shobaki (2018) . Information Technology used and it's Impact on the Participation of Administrative Staff in Decision-Making in Palestinian Universities,International Journal of Academic Multidisciplinary Research (IJAMR),2(8) ,7 - 26
- 2 Ihab Zaqout and Ibrahim Elhaddad (2018) . Leveraging Big Data for Emergencies and Crises – Study Gaza Strip,International Journal of Engineering and Information Systems (IJEAIS),2(9) ,43 - 56
- 3 Ihab Zaqout and Mones Elhanjouri (2018) . An Improved Technique for Face Recognition Applications,Journal of Information and Learning Science,119() ,. (ISI/SCOUPS Cited Publication )
- 4 Mai Ubeid and Ihab Zaqout (2018) . “iCan” – A Web Application Framework for People with Special Needs,International Research Journal of Innovations in Engineering and Technology,2(4) ,18 - 27
- 5 Ihab S. Zaqout, Mustafa H. Abu Nasr, Bassem S. Abu Naser (2017) . VoIP Using Power Line Communications,Journal of Al Azhar University – Gaza,19() ,57 -81
- 6 I. S. Zaqout (2017) . An Efficient Block-based Algorithm for Hair Removal in Dermoscopic Images,Journal of Computer Optics,41(4) ,521 - 527. (SCOUPS Cited Publication )
- 7 Samy Abu Naser and Ihab Zaqout (2016) . Knowledge-based to determine the Appropriate Student Major: In the Faculty of Engineering and Information Technology,World Wide Journal of Multidisciplinary Research and Development,2(10) ,26 - 34
- 8 Ihab Zaqout (2016) . Diagnosis of Skin Lesions Based on Dermoscopic Images using Image Processing Techniques,International Journal of Signal Processing, Image Processing, and Pattern Recognition (IJSIP),9(9) ,189 - 204. (SCOUPS Cited Publication )
- 9 Samy Abu Naser, Ihab Zaqout, Reham Abu Meghessib (2016) . Design and Development of Mobile Blood Donor Tracker,Journal of Multidisciplinary Engineering Science Studies (JMESS),2(2) ,294 - 300
- 10 Ihab Zaqout, Ali Mahdi, and Mohammed Alhabbash (2016) . Web Mining: A Review,International Journal of Science and Engineering Investigations,5(57) ,45 -50
- 11 Samy Abu Naser, Ihab Zaqout, Mahmoud Abu Ghosh, Rasha Atallah, and Eman Alajrami (2015) . Predicting Student Performance Using Artificial Neural Network: in the Faculty of Engineering and Information Technology,International Journal of Hybrid Information Technology (IJHIT),8(2) ,221-228. (ISI/SCOUPS Cited Publication )
- 12 Ihab Zaqout and Amal Wishah (2015) . Letters Learning Game For Young Low Skilled People,International Journal of Education and Learning (IJEL),4(2) ,51-60. (ISI/SCOUPS Cited Publication )
- 13 Ihab Zaqout, Samar Elhissi, Aya Jarour, and Heba Elowini (2015) . Augmented Piano Reality,International Journal of Hybrid Information Technology (IJHIT),8(10) ,141-152. (ISI/SCOUPS Cited Publication )
- 14 Ihab Zaqout (2014) . Content-Based Image Retrieval using Color Quantization and Angle Representation,International Journal of Computers and Technology (IJCT),13(10) ,. (ISI/SCOUPS Cited Publication )
- 15 Ihab Zaqout (2012) . Heart Rate Monitoring: The Analysis of Fingertip Video Captured Via Smartphone,International Journal of Computers and Technology (IJCT),3(3) ,481-484. (ISI/SCOUPS Cited Publication )
- 16 Ihab Zaqout (2012) . Using Heuristics Based Approach for Segmentation and Recognition of Printed Arabic Characters,International Journal of Advanced Science and Technology (IJAST),49() ,15-23. (ISI/SCOUPS Cited Publication )
- 17 Ihab Zaqout (2012) . Printed Arabic Characters Classification using a Statistical Approach,International Journal of Computers and Technology (IJCT),3(1) ,1-5. (ISI/SCOUPS Cited Publication )
- 18 S. Abu-Naser, A. Al-Masri, Y. Abu Sultan, I. Zaqout. (2011) . A Prototype Decision Support System For Optimizing The Effectiveness Of E-learning In Educational Institutions,International Journal of Data Mining & Knowledge Management Process (IJDMP),1(4) ,1-13. (ISI/SCOUPS Cited Publication )

- 19 Ihab Zaqout (2011) . A Statistical Approach for Latin Handwritten Digit Recognition,International Journal of Advanced Computer Science and Applications (IJACSA),2(10) ,37-40. (ISI/SCOUPS Cited Publication )
- 20 Zaqout, I., Zainuddin, R. and Baba, S. (2005) . Pixel Based Skin Color Detection Technique,International Journal of Machine and Graphics Vision,14(1) ,61-70. (ISI/SCOUPS Cited Publication )
- 21 Zaqout, I., Zainuddin, R. and Baba, S. (2004) . A Feature-Based Approach for Segmenting Faces,International Journal of Machine and Graphics Vision,13(3) ,249-259. (ISI/SCOUPS Cited Publication )
- 22 Zaqout, I., Zainuddin, R. and Baba, S. (2004) . Human Face Detection in Color Images,International Journal of Advances in Complex Systems,7(4) ,369-383. (ISI/SCOUPS Cited Publication )

#### **- Proceedings**

- 1 Zaqout, I., Zainuddin, R., and Baba, S. (2004) . An Integration of Color-Based and Feature-Based Approaches for Verifying Faces Hypothesis,Proceeding of the Joint International Conference on Informatics and Research on Women in ICT (RWICT),Kuala Lumpur, Malaysia,,1(11): 111-118. (ISI/SCOUPS Cited Publication )
- 2 Zaqout, I., Zainuddin, R., and Baba, S. (2004) . Heuristic Rules for Identifying Skin Regions,Proceeding of the Joint International Conference on Informatics and Research on Women in ICT (RWICT),Kuala Lumpur, Malaysia,,1(12): 119-128. (ISI/SCOUPS Cited Publication )
- 3 Zaqout, I., Zainuddin, R., and Baba, S. (2004) . Deformable Shapes for Face Tracking Problem,Proceeding of the 2nd National Conference on Computer Graphics and Multimedia,Kuala Lumpur, Malaysia,,115-118. (ISI/SCOUPS Cited Publication )

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#### **CONSULTATION PROJECT/CONSULTANCY**

(FROM - TO ,PROJECT\_TITLE ,ROLE ,ORGANIZATION)

2012 ,2012	1st Exhibition of Excellence in Engineering and Information Technology ,Coordinator ,Alazhar University - Gaza & Hadara
2013 ,2014	Equip and Furnish the Faculty of Engineering & Information Technology Labs ,Technical Coordinator ,Alazhar University - Gaza & Qatar Red Crescent
2012 ,2014	Equip the Faculty of Engineering & Information Technology Labs - Phase II ,Technical Coordinator ,Alazhar University - Gaza & Qatar Red Crescent
2011 ,2012	Equip the Faculty of Engineering & Information Technology Labs - Phase I ,Technical Coordinator ,Alazhar University - Gaza & Qatar Charity

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#### **AWARDS AND RECOGNITIONS**

(YEAR ,NAME ,INSTITUTION,LEVEL)

- 2005 ,Bronze Medal - Using Color Based and Elliptical\_Like Shape Approaches for Human Face Localization ,Ministry of Higher Education - Malaysia ,National
- 2005 ,Best Researcher Award - Faculty Level ,International Islamic University Malaysia (IIUM) ,University

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#### **PRESENTATIONS**

(TITLE ,EVENT ,DATE ,ORGANISER ,LEVELL)

<b>Presenter</b>	<ul style="list-style-type: none"> <li>* Data Mining ,Seminar ,8/5/2018 ,Faculty of Engineering &amp; Information Technology, Al-Azhar Uninversity Gaza (University ).</li> <li>* Biometrics ,Seminar ,3/4/2018 ,Faculty of Engineering &amp; Information Technology, Al-Azhar Uninversity Gaza (University ).</li> </ul>
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## SUPERVISION

(DEGREE ,CANDIDATES ,THESIS ,SESSION ,YEAR)

Ongoing	<ul style="list-style-type: none"><li>* Master ,Abdulla Jarghon ,Web-based Educational System Based on Thinking Behavior ,2018 ,Al Azhar University, Gaza</li><li>* Master ,Abdulla Abu Ayad ,Intelligent Exam Evaluator using Optical Mark Recognition System ,2018 ,Al Azhar University, Gaza</li><li>* Master ,Bashar Bestami ,? Analysis and Evaluation of Cyber Security Techniques-Case Study (Palestinian Telecommunication Company) ,2017 ,Al Azhar University, Gaza</li></ul>
Completed	<ul style="list-style-type: none"><li>* Master ,Mohamed Al-Nakhal ,Analysis and Evaluation of E-mail Security ,2017 ,Al Azhar University, Gaza</li></ul>
Ongoing	<ul style="list-style-type: none"><li>* Master ,Mariam Alawaar ,An Efficient System for Websites Evaluation ,2017 ,Al Azhar University, Gaza</li><li>* Master ,Saeb Elkaterly ,E-management and its Relationship with the Management Decision-Making Process: Field Study – Palestine Telecommunications Company (PALTEL) – Gaza Governorates ,2015 ,Al Azhar University, Gaza</li></ul>
Completed	<ul style="list-style-type: none"><li>* Master ,Ibrahim Elhaddad ,Leveraging Big Data for Emergencies and Disasters-Case Study on Gaza Strip ,2017 ,Al Azhar University, Gaza</li><li>* Master ,Mones Alhanjori ,An Improved Technique for Face Recognition Applications ,2017 ,Al Azhar University, Gaza</li><li>* Master ,Wafaa Shuhaiber ,The Impact of Integrate Governmental Data on the Services Quality Provided to the Governmental Sector ,2016 ,Al Azhar University, Gaza</li></ul>

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## EXPERT/TECHNICAL CONTRIBUTIONS

(ACTIVITY ,ORGANISATION ,ROLE ,FROM ,UNTIL ,LEVEL)

Detecting DDoS Attack Using a Multilayer Data Mining Techniques ,Journal of Al Azhar University-Gaza (Natural Sciences) ,Jury ,2015 ,2015 ,University

A New Model in Arabic Text Classification Using BPSO/REP-Tree ,Journal of Engineering Research and Technology ,Jury ,2017 ,2017 ,National

Evaluating the Influence of Parameter Values on the Performance of Random Subset Feature Selection ,Data & Knowledge Engineering ,Jury ,2017 ,2017 ,International

The degree of employment of smart learning strategies in general public education schools ,Scientific Magazine of the Technical College of Palestine ,Jury ,2017 ,2017 ,National

Classification of the lung diseases-A Survey ,Journal of Engineering Research and Technology ,Jury ,2018 ,2018 ,National

Simult. & asynch. electronic discussions on Facebook to develop the skills of scientific research ,Scientific Magazine of the Technical College of Palestine ,Jury ,2018 ,2018 ,National

Towards Smart City NEOM: Smart Solutions for Better Life ,The 3rd International Conference of Reliable Information and Communication Technology 2018 ,Jury ,2018 ,2018 ,International

IoT-based Smart waste management system in smart city ,The 3rd International Conference of Reliable Information and Communication Technology 2018 ,Jury ,2018 ,2018 ,International

Research on Face Image Recognition Algorithm and Its Future Application in Smart Campus Based on LBP ,IEEE Access, paper ID: Access-2018-08776 ,Jury ,2018 ,2018 ,International

Street-Cleaning using Smart Robot ,Zuhair Hijjawi Award Evaluation ,Jury ,2018 ,2018 ,National

Smart Mirror for Daily Use ,Zuhair Hijjawi Award Evaluation ,Jury ,2018 ,2018 ,National

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## TEACHING

(LEVEL , COURSE )

First Degree	* Modeling & Simulation
	* Expert Systems
	* Distributed Systems
	* Artificial Neural Networks
	* Data Mining
	* Java Programming
Post Graduate	* Information Technology/Information Systems
	* Advanced Modeling and Simulation Applications
	* Digital Image Processing

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## CONTRIBUTION TO SOCIETY

(START DATE - END DATE , CONTRIBUTION , LEVEL)

2016 - 2018	* Member of the school council of the Remal Preparatory School for Refugees (A), National
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## SKILLS

(SKILL , PROFICIENCY )

Microsoft Office , Very Good  
Programming Languages - Java, C++, Visual Basic , Very Good  
Arena Simulator , Very Good  
Matlab - Digital Image Processing Toolbox , Excellent  
English Language , Very Good

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## TRAINING COURSES

(YEAR , COURSE NAME , PLACE , INSTITUTION , PERIOD )

2006 , Workshop on Examination Quality Assessment , Malaysia , International Islamic University , March 2006  
2006 , Workshop on Bioinformatics , Malaysia , International Islamic University , Jan. 2006  
2004 , Image Processing, Neural Networks, and Graphical User Interface (GUI) using MatLab , Malaysia , International Islamic University ,

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