



جامعة العلوم والتقنية في الفجيرة
University of Science and Technology of Fujairah

CURRICULUM VITAE

PERSONAL INFORMATION

Name:	Haythem El- Messiry
Nationality:	Egyptian
Job Title:	Associate Professor
Marital Status:	Married
College:	Engineering and Information Technology
Department:	Information Technology
Date of Birth:	7 th April 1972
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EDUCATIONAL BACKGROUND

1. Doctorate

University:	Ulm University
Country:	Germany
Date of Obtaining degree:	July,2004
Major:	Computer Science
Minor:	computer vision
Title:	Robust Segmentation of Human Cardiac Contours from Spatial Magnetic Resonance Images

2. Master

University:	Alexandria University
Country:	Egypt
Date of Obtaining degree:	January, 1999
Major:	Computer Science
Minor:	Image Processing and Pattern Recognition
Title:	Automatic Recognition of Typewritten Arabic Characters using Zernike Moments as a Feature Extractor

3. Bachelor

University:	Alexandria University
Country:	Egypt
Date of Obtaining degree:	May,1994

COMPUTER SKILLS

MS Word	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
MS Excel	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
MS Power Point	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
MS Outlook	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
Internet	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced

LANGUAGE SKILLS

Arabic	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
English	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input checked="" type="checkbox"/> Advanced
Other, specify	<input type="checkbox"/> Beginner	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Advanced

PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
1995	1999	Assistant Researcher	Scientific Research and Technology Applications City	
1999	2004	Research Assistant	Scientific Research and Technology Applications City	
2004	2006	Researcher	Scientific Research and Technology Applications City	
2007	Current (tenure)	Assistant Professor	Faculty of computer science and information, Ainshams university	
2011	2015	Assistant Professor	Faculty of Information Technology, Al Jazeera university	
2015	2017	Assistant Professor	Faculty of Information Technology, Al Dar university	
2017	2018	Associate Professor	Faculty of Information Technology, Al Dar university	
2018	2019	Visiting Professor	College of Engineering and Information Technology, Ajman University	
2019	present	Associate Professor	College of Engineering and Information Technology, University of Science and Technology of Fujairah	

EDUCATIONAL EXPERIENCE

Academic Year	Course Title	Academic Year	Course Title
2009,2013	Computer Graphics.	2008,2015-2017	Operating Systems.
2015-2017	Distributed Systems.	2010	Algorithms.
2007-2011	Digital Image Processing.	2007-2010,2019	Digital Logic Design.
2007-2011	Neural Networks.	2007	Engineering Programing and Analysis
2011-2015	Programming object oriented with JAVA.	2014	System Analysis and Design.
2005-2018	Introduction to programming using C++.	2017	Data Structure and Algorithms.
2012	Object Oriented System Analysis & Design.	2015-2016	Data Warehousing.
2008-2010	Computer Vision.	2008-2010	Pattern Recognition.
2012	Human Computer Interaction.	2015,2019	Cloud Computing.
2012,2013	Managing Information Technology.	2012,2016-2017,2019	Data Telecommunications & Computer Networking
2013	Web Development Technologies.	2012,2019	Databases Management
2019	Microprocessor and Microcontroller	2019	Engineering Analysis
2019	Digital Signal Processing		

PUBLICATIONS**1. Books**

None

2. Book Chapters

Real-time Crack Detection using ROV

3. Journal Articles

- 2019 Study on The Impact of Artificial Intelligence on Government E-service in Dubai
- 2018 De-blurring real time traffic's scene images using adaptive learning model, 2018
- 2017 Robust Segmentation of Deform Objects Using Morphological Scale Space,2017
- 2015 3D Model Based on Stereo Images Using Adaptive Feature-Based Matching, Developments of E-Systems Engineering, 2015
- 2011 Multi-channel Combined Local Global optical flow approach using photometric invariants,2011
- 2010 Quantization Table Estimation in JPEG Images,2010
- 2010 Retrieval of Bitmap Compression History", 2010
- 2010 An Efficient Parallel Rendering on GPU", 2010
- 2010 Classification of Cardiac Arrhythmia Based on Hybrid System",
- 2010 Adaptive Neuro-Fuzzy Inference System for Classification of ECG Signals,2010
- 2001 Automatic Recognition Of Typewritten Arabic Characters Using Zernike Moments As A Feature Extractor,2001
- 2012 Using GPU-Accelerated Genetic Algorithm for Non-Linear Motion Deblurring in a Single Image, 2012
- 2012 Linear Motion Deblurring from Single Images using Genetic Algorithms", 2012
- 2010 A Study on Artificial Intelligent Techniques of Myocardial SPECT perfusion Images, 2010
- 2009 Medical Image Registration Techniques, 2009.
- 2009 Robustic Arabic Optical Braille Recognition System",2009.
- 2009 Sign Language Recognition Based on a Combination between Neural Networks and Hidden Markov Models", 2009.
- 2008 Medical Image Registration Using Mutual Information Similarity Measure". 2008
- 2003 Morphological Scale-Space Decomposition for Segmenting the Ventricular Structure in Cardiac MR Images". 2003
- 2003 Segmenting the Endocardial Border of the Left Ventricle in Cardiac Magnetic Resonance Images, 2003

4. Conferences

- 2021 Real-time Crack Detection using ROV
- 2021 Deep learning using visual attention model in medical imaging-COVID-19 cases
- 2019 The Impact of Artificial Intelligence on Government E-service in Dubai
- 2018 Big Data Mining Techniques for CPA firms.
- 2016 Efficiency of WhatsApp as a means of Disseminating Educational information.
- 2014 Using Scale-Space Model in Media Object Tracking System",
- 2010 Real-time Ray tracing on GPU, 2010.
- 2006 Developing of Automated Volumetric Segmentation Algorithms for Brain Tissues, 2006.
- 2004 Hybrid Approach for Segmenting Human Cardiac Contours from Spatial MR Images". 2004.

PROFESSIONAL AND ACADEMIC ACTIVITIES

1. Professional Training

- Data Science, Canadian university in Dubai, April, 2018
- 3rd Annual symposium on Innovation and Entrepreneurship Education, American university of Sharjah and Stanford University.
- UAE Innovation Award
- Academic Program Commissioner.
- Quality Assurance and Quality Enhancement in Higher Education Institutions.
- Practical Site Visit.
- Program Evaluation Report.
- Introduction to Game Programming (organizer)
- Aligning Programs to the QF Emirates National Qualification Authority 2012-2013
- IT Essentials CISCO Instructor certificate.
- Business Planning, DAAD Academy.
- Certified Program DAAD Alumni Academy in the following:

- Communication in Teams.
- Basics of Management and Leadership.
- Time Management and Planning
- Strategic Management.
- Conflict Management and Negotiation
- Finance for Non-Financials.
- Enterprise Resource Planning (ERP) SAP TERP.
- Introduction to CMMI v1.2 SEI.
- Intermediate CMMI.
- Foundation Certificate in Software Testing (ISTQB)
- Project Management (Certified AmedEast Program)
- Quality Education Standards.
- International Proposal writing (British Council)

2. Workshops

- Program Organizing Committee Member, Computer Science, Machine Learning and Big Data Analytics Conference, Program Committee.
- Member of ICPRAI 2018 (International Conference on Pattern Recognition and Artificial Intelligence), Concordia University, Montréal, Canada.

3. Master Theses Supervision

- Dr. Hassan Ramadan Faculty of Computer and Information Sciences Ainshams University, Cairo, Egypt
- Mrs. Salsabil Amin Faculty of Computer and Information Sciences Ainshams University, Cairo, Egypt
- Mr. Mahmoud Zidan Faculty of Computer and Information Sciences Ainshams University, Cairo, Egypt
- Mrs. Sarah Al Sharkawy Faculty of Computer and Information Sciences Ainshams University, Cairo, Egypt
- Dr. Shaimaa Rafaie Mubark city for scientific research, Alexandria, Egypt
- Mrs. Nermeen Al kashef Faculty of Science, Alexandria University, Alexandria, Egypt

4. Doctorate Theses Supervision

None

MEMBERSHIP OF PERIODICALS AND SCIENTIFIC JOURNALS

IEEE Membership

AWARDS

- 2021 ICPM
- 2019 IEEE students Day
- 2016-2018 Certificate of Appreciation: Judge Committee Member
- 2018 Certificate of Excellence (innovation Expo)
- 2017 Best Collegiality
- 2017 Letter of appreciation