



Curriculum Vitae

Shereen Aly Mohamed Taie
Associate Professor
Advanced Computing
Faculty of Management, Professional
Technology and Computers, Egyptian
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1. Personal Information

First Name / Sure Name: Shereen Aly Mohamed Taie
Date of Birth: 17/10/1974
Nationality: Egyptian
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Gender: Female

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates
Associate Professor	Faculty of Computers and Information, Fayoum University	Computer Science	2017
PhD	Faculty of Science, Cairo University	Computer Science	2012
Master	Faculty of Science, Cairo University	Computer Science	2006
B.Sc.	Faculty of Science, Cairo University	Computer Science	1996

3. Professional Experience

Occupation	Name & Address of Employer	Dates	
		From	To
Associate Professor in Computer Science	Faculty of Management, Professional Technology and Computers, Egyptian Russian University	2020	Till Now
Vice Dean for Education and Student Affairs	Faculty of Computer and Information, Fayoum University	2018	2020
Vice Dean for Community Service and Environmental Development	Faculty of Computer and Information, Fayoum University	2017	2018
Certified auditor	National Authority for Quality Assurance and Accreditation, Egypt	2019	Till Now
Head of "Artificial Intelligence Research Group"	Faculty of Computer and Information, Fayoum University	2017	Till Now
Head of Centre of Electronic Courses Production	Fayoum University	2014	2020
Member of the team	Pproject "Energy Harvesting Solution for Wireless Sensors in IoT Systems for Smart Environments", Funded by NTRA	2017	2019

4. Discipline

General Discipline	Computer Science	Principle Subject	Artificial Intelligence

5. Professional & Technical Skills

1. Chairman of the Committee for the preparation of the credit hours academic regulation for the programs of the bachelor's degree in "Computing and Biomaterials" and "Artificial Intelligence", Faculty of Computer and Information Fayoum University.
2. Member of the Committee for the preparation of the credit hours academic regulation for the bachelor's degree, Faculty of Computer and Information

- Fayoum University including the departments of computer science and information systems and information technology.
3. Member of the Committee for the preparation of the credit hours academic regulation for the post graduates degree, Faculty of Computer and Information Fayoum University including the departments of computer science and information systems and Big Data.
 4. Quality Visits Coordinator for Accreditation of Faculty of Computers and Information, Fayoum University (Accredited Faculty).
 5. Organizer for fifth Job Fair for Faculty of Computer and Information, Fayoum University, Egypt.
 6. Organizer for sixth Job Fair for Faculty of Computer and Information, Fayoum University, Egypt.
 7. Students communicate officials, Faculty of Computers and Information, Fayoum University, Egypt.
 8. Head of IT Unit in Faculty of Computers and Information, Fayoum University, Egypt (till 12/3/2015).
 9. Director of Quality Assurance Unit in Faculty of Computers and Information, Fayoum University, Egypt.
 10. Coordinator of student's activities in Faculty of Computers and Information, Fayoum University, Egypt.
 11. Member of the Committee for Cultural Relations in Faculty of Computers and Information, Fayoum University, Egypt.
 12. Member of the Committee for Libraries in Faculty of Computers and Information, Fayoum University, Egypt.
 13. Students communicate officials, Faculty of Computers and Information, Fayoum University, Egypt.
 14. Head of IT Unit in Faculty of Computers and Information, Fayoum University, Egypt (till 12/3/2015).
 15. Director of Quality Assurance Unit in Faculty of Computers and Information, Fayoum University, Egypt.
 16. Coordinator of student's activities in Faculty of Computers and Information, Fayoum University, Egypt.
 17. General Chair of Control and the examinations for the bachelor's level from 2018 Till Now.
 18. Head of Master Control in Post Graduate Level (for one year) 2017-2018.
 19. Head of Postgraduate Control (PhD and Master) from 2018 Till Now.

20. Head of the Committee for Student Affairs in Faculty of Computers and Information, Fayoum University, Egypt.
21. Head of the Committee for Laboratories in Faculty of Computers and Information, Fayoum University, Egypt.
22. Head of the Committee for Community Service and Environmental Development in Faculty of Computers and Information, Fayoum University, Egypt.
23. Member of the Committee for Post Graduate studies and research in Faculty of Computers and Information, Fayoum University, Egypt.
24. Member of the Committee for Cultural Relations in Faculty of Computers and Information, Fayoum University, Egypt.
25. Member of the Committee for Libraries in Faculty of Computers and Information, Fayoum University, Egypt.
26. Head of the Club's technical student activity in Jubail College of Education for Girls – Dammam University - Kingdom of Saudi Arabia.
27. Leader of the Scientific Committee, in computer science department - Jubail College of Education for Girls –Dammam University – Kingdom of Saudi Arabia.

6. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Microsoft Office	√		
Language Skills	Excellent	Good	Fair
Arabic	√		
English	√		

7. Scientific Activities

a. Publication:

- "AFCM MODEL TO PREDICT THE LEARNER STYLE BASED ON QUESTIONNAIRE AND FUZZY C MEAN ALGORITHM", Journal of

Theoretical and Applied Information Technology, Vol.99. No 2, 31st January 2021.

- "Feature Engineering for Structural Health Monitoring (SHM): A Damage Characterization Review", IGI Global Publisher of Timely Knowledge, book: Handbook of Research on Automated Feature Engineering and Advanced Applications, December 2020.
- Human Action Classification in Still Images via Human Skin Mask and Residual Neural Network", International Journal of Advanced Trends in Computer Science and Engineering, 9(4):4604-4613, August 2020.
- "Using Hybrid Filter-Wrapper Feature Selection with Multi-Objective Improved-Salp Optimization for Crack Severity Recognition", IEEE Access, VOLUME 8; 84290- 84315, January 2020.
- "RF Energy Harvesting IoT System for Museum Ambience Control with Deep Learning", Sensors, 19(20):4465, 2019.
- "Performance Analysis of Using Feature Fusion for Crack Detection in Images of Historical Buildings", 11th International Conference on Management of Digital EcoSystems (MEDES '19), 2019, ACM Digital Library.
- "Point clouds reduction model based on 3D feature Extraction", International Journal of Embedded Systems, Vol. 11, No. 1, 2019.
- "The Relation between the Learner Characteristics and Adaptation Techniques in the Adaptive E-Learning Systems", International Conference on Innovative Trends in Communication & Computer Engineering (ITCE'2020), 2020, IEEE Xplore.
- "A Comparative study for Feature Extraction and Classification of Images", 6th International Conference on Advanced Control Circuits and Systems (ACCS), 2019, IEEE Xplore.
- "H-Ahead Multivariate microclimate Forecasting System Based on Deep Learning", International Conference on Innovative Trends in Computer Engineering (ITCE), 2019, IEEE Xplore.
- "Adaptive Model to Estimate Most Significant Features for Oversampling Medical Data", CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Vol 10, No 8, August 2018.
- "An Energy Efficient System for Artifacts Preservation and Occupant Comfort", 2018 International Conference on Computer and Applications (ICCA) 2018, July 25th-26th, 2018 Beirut – Lebanon, IEEE Xplore.

- "CSO-Based Algorithm with Support Vector Machine for brain tumor's disease Diagnosis", 5th IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2017, (IEEE International Workshop on Behavioral Implications of Contextual Analytics), Kona, Big Island, Hawaii, USA, 13-17 March, 2017, IEEE Xplore.
- "A Novel Secured Traffic Monitoring System for VANET ", 5th IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2017, (IEEE International Workshop on Behavioral Implications of Contextual Analytics), Kona, Big Island, Hawaii, USA, 13-17 March, 2017, IEEE Xplore.
- "A New Image Segmentation Algorithm Based on Particle Swarm Optimization and Rough Set", Journal of Computers (JCP), ISSN: 1796-203X, Volume 13, Issue 1, January – 2017.
- "An Improved Technique for LIDAR Data Reduction", IEEE 5th International Conference on Electronic Devices, Systems and Applications (ICEDSA 2016), UAE, 6-8 Dec. 2016, IEEE Xplore.
- "Artificial Neural Network Adaptive Path Time Prediction on a Road Network", Research Journal of Applied Sciences, Engineering and Technology, ISSN: 2040-7459; e-ISSN: 2040-7467, Volume 13, Issue 9, November – 2016.
- "Online Price Recommendation System for Shopping Used Cell Phones", Research Journal of Applied Sciences, Engineering and Technology 13(1): 15-23, 2016.
- "Challenge of Intelligent Transport System", International Journal Of Modern Engineering Research (IJMER), Vol. 6, Iss. 10, October 2016.
- "A Prototype for Breast Cancer Detection and Development Probability Expert System – Towards a Supportive Tool", The 5th IEEE International Conference on E-Health and Bioengineering - EHB 2015, 978-1-4673-7545-2015 IEEE.
- Artificial Intelligent E-learning book (Published by Ministry of Higher Education and Scientific Research)

- A New Model for Automatic Raster-to- Vector Conversion, International Journal of Engineering and Technology Vol.3 (3), 2011, 182-190.
- A New Parallel Neural Network System for Automatic Change Detection and Classification of Digital Images, Ain Shams University, Faculty of Engineering, Vol 39, No. 1, March 2004.

b. Supervision:

- I have supervised PhD and Master Thesis in
 1. Faculty of Computers and Information - Fayoum University
 2. Faculty of Computers and Artificial Intelligence - Cairo University
 3. Faculty of Science – Bani Sweif University

Degree	Researcher Name
PhD	Prediction Technique for Historical Heritage Preservation based on IoT
PhD	Multimodal Data Fusion Architecture
PhD	Phishing Detection on Twitter Streams
PhD	Automated Water Quality Monitoring System Based on Machine Learning
PhD	Adaptive E-learning Model based on Fuzzy Logic
PhD	IoT Based Solution for Traffic Control Management Using Deep
Master	Automatic System for Enhancement and Reduction of LIDAR Data
Master	Automatic Description and Classification
Master	Prediction Technique for Buildings Energy Consumption
Master	An Approach for Real-Time IoT Data Stream Processing and Analysis
Master	Proposed Model for Assisting Blind in Smart Cities
Master	Proposed Technique for Reducing Energy Consumption of Buildings
Master	Improving Performance of Cloud Computing Platforms using Machine
Master	Parkinson's disease Recognition using Machine Learning
Master	Human Ethnicity Prediction from Facial Images
Master	A New Model for Improving the Performance in Data Mining
Master	Fake Colorized Image Detection using Machine Learning

c. Conferences

Conferences	Professional Conference Organizer
The 5 th IEEE International Conference on E-Health and Bioengineering - EHB 2015, IEEE Xplore.	IEEE Xplore, Romania
IEEE 5 th International Conference on Electronic Devices, Systems and Applications (ICEDSA 2016), UAE, 6-8 Dec. 2016, IEEE Xplore.	IEEE Xplore, United Arab of Emirate (UAE)
IEEE International PerCom Workshop on Behavioral Implications of Contextual Analytics), Kona, Big Island, Hawaii, USA, 13-17 March, 2017, IEEE Xplore.	IEEE Xplore, Hawaii, United States of America (USA)
International Conference on Computer and Applications (ICCA) 2018, July 25 th -26 th , 2018 Beirut – Lebanon, IEEE Xplore.	IEEE Xplore, Beirut – Lebanon
International Conference on Innovative Trends in Computer Engineering (ITCE), 2019, IEEE Xplore.	IEEE Xplore, Egypt
6 th International Conference on Advanced Control Circuits and Systems (ACCS), 2019, IEEE Xplore.	IEEE Xplore, Egypt
International Conference on Innovative Trends in Communication & Computer Engineering (ITCE'2020), 2020, IEEE Xplore.	IEEE Xplore, Egypt
11 th International Conference on Management of Digital EcoSystems (MEDES '19), 2019, ACM Digital Library.	Association for Computing Machinery (ACM) New York, United States of America (USA)

8. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
Training-of-trainers (ToT)	The Supreme Council of Universities, Egypt.	2019	Course on digital transformation in universities.
Self-Study preparation course.	The Quality Assurance and Academic Accreditation Authority, Egypt.	2019	
Preparing programs and courses descriptions course	The Quality Assurance and Academic Accreditation Authority, Egypt.	2019	
Strategic Planning course	The Quality Assurance and Academic Accreditation Authority, Egypt.	2019	
External audit course	The Quality Assurance and Academic Accreditation Authority, Egypt.	2019	
Cloud Infrastructure and Services	EMC Company, Egypt.	2016	
Scientific Publications	Fayoum University	2017	
Organizing scientific conferences	Fayoum University	2017	
Credit ours systems	Fayoum University	2017	
Effective Presentation Skills	Fayoum University	2017	
The financial and legal aspects of the business college	Fayoum University	2017	
Exams systems and student assessment	Fayoum University	2017	
University teacher preparation	Fayoum University	2012	
E-learning	Jubail College of Education for Girls – Dammam University – Kingdom of Saudi Arabia	2011	

Characterization program in education	Jubail College of Education for Girls – Dammam University –	2011	
Scientific Research Steps	Jubail College of Education for Girls – Dammam University –	2011	
Interactive education and the integration of students in education	Jubail College of Education for Girls – Dammam University –	2011	
Enhance learning by using technology	Jubail College of Education for Girls – Dammam University –	2011	
Querying an array of primitive and reference type elements using LINQ	Jubail College of Education for Girls – Dammam University –	2011	
Distributed Data Bases	Jubail College of Education for Girls – Dammam University –	2011	
Software life cycle in software engineering	Jubail College of Education for Girls – Dammam University –	2010	
Documents ware housing and text mining	Jubail College of Education for Girls – Dammam University –	2010	
Wireless LAN Security	Jubail College of Education for Girls – Dammam University –	2010	
Localization in RFID Systems	Jubail College of Education for Girls – Dammam University –	2010	
Distinctive styles in interactive education	Jubail College of Education for Girls – Dammam University –	2010	
Specifications for Good test	Jubail College of Education for Girls – Dammam University –	2010	
College Self-study	Jubail College of Education for Girls – Dammam University –	2010	
SOAT Analysis	Jubail College of Education for Girls – Dammam University –	2010	
Quality Control	NIS institute, Egypt	2006	Two Levels

Quality Assurance	NIS institute, Egypt	2006	
Education Quality Control	Hail University– Kingdom of Saudi Arabia	2005	

9. Membership of Professional Associations

- World Academy of Science, Engineering and Technology, we thank you for signing up for World Academy of Science, USA.
- CR Subscription Agency, India.
- Egyptian Society for Information Systems and Computer Technology (ESISACT), Egypt.

10. Social Activities

- Coordinator of student's activities in Faculty of Computers and Information, Fayoum University, Egypt.
- Head of the Club's technical student activity in Jubail College of Education for Girls – Dammam University - Kingdom of Saudi Arabia.

11. Awards

- Fayoum University Shield for my efforts as a Vice Dean for Education and Student Affairs at Faculty of Computer and Information, Fayoum University, Egypt.
- Honoring in Science Festival for excellence in international publishing Fayoum University, Egypt, 2016, 2017, 2018, 2019, and 2020.
- Honoring Science Festival for excellence in the upgrade to the excellent rank of Associate Professor, Fayoum University, Egypt.
- The first place for student activities in Jubail College of Education for Girls – Dammam University - Kingdom of Saudi Arabia.

I certify that the information provided in this curriculum vitae is accurate.

Name	Shereen Aly Mohamed Taie	Signature	Shereen Taie	Date	2/2/2021
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