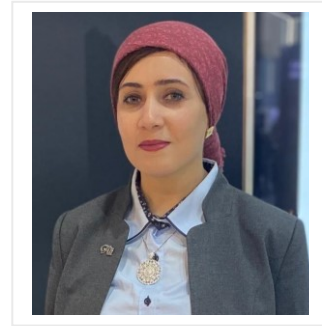**Mai Ramadan Ibraheem**
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CONTACT INFORMATION

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Scientific Qualifications

- Ph.D. of Science, Computer Science, Mansoura University, 2014.
  Thesis: Processing Uncertain Image using Intelligent Filtering
- Master of Science, Computer Science, Mansoura University, 2010.
  Thesis: Uncertainty Approaches in AI Applications.
- Bachelor of Science, Computer Science, Faculty of Science, Mansoura University: grade
  Very Good, Rank third in the class, 2007.

Academic Appointment:

- Assistant Prof. and Coordinator of IT dept., Faculty of Computers and Information, Kafrelsheikh University (2016-2023).
- Assistant Prof. at Delta Higher Institute for Computers, Mansoura (2014-2016).
- Partial Mandate to the Faculty Science, Mansoura University (2014-2019).
- Assistant lecturer at Delta Higher Institute for Computers, Mansoura (2011-2014).
- Assistant lecturer at The Higher Institute of Computers & Information, Egyptian Academy, Tanta (2010-2011):
- Demonstrator at The Higher Institute of Computers & Information, Egyptian Academy, Tanta (2008-2010).
- Research Assistant at The Faculty of Science Mansoura University (2007-2008).

Social Activities

- Executive Manager of E-Learning Center, Kafrelsheikh University.
- Certified Trainer at Galala University for Digital Transformation.
- Coordinator of IT dept., Faculty of Computers and Information, Kafrelsheikh University.
- Refereeing at the International Space Apps Challenge 2020 & 2021.

- Executive Director of The Unit of Measurement and Evaluation at the faculty of Computers and Information, Kafrelsheikh University.
- Coordinator for the faculty of Computers and Information at The Unit of Combating Harassment and Violence against Women, Kafrelsheikh University.

Memberships / Participations

- A member of IAENG (International Association of Engineers) since 2010.
- A member of IEEE (The professional for engineering and technology community worldwide).
- Attending the Cairo ICT Exhibition for the 26th 2022, with the participation of the Ministry of Higher Education and Scientific Research.
- Attending and presenting a research paper at the Green Sustainability: Towards Innovative Digital Transformation conference, indexed by Springer.
- Attending and presenting a research paper at the International Conference on Computer and Information Sciences (ICCIS), indexed by IEEE Explore.

Awards Received

- Freshwoman Academic Scholarship/Top 10% of High Faculty of Science Class. Master research assist, Computer Science Program, Mansoura University, Egypt.
- Freshwoman Academic Scholarship at the Faculty of Science. Ph.D research assist, Computer Science Program, Mansoura University, Egypt.

PUBLICATIONS / BOOKS

- Diagnosis of Various Skin Cancer Lesions Based on Fine-Tuned ResNet50 Deep Network, Computers, Materials & Continua Tech Science Press; doi: 10.32604/cmc.2021.016102.
- Timing and Classification of Patellofemoral Osteoarthritis Patients Using Fast Large Margin Classifier, Computers, Materials & Continua Tech Science Press; doi:10.32604/cmc.2021.014446
- Staging Melanocytic Skin Neoplasms Using High-Level Pixel-Based Features, Electronics-907960; doi: 10.3390/electronics9091443, 2020.
- A Non-invasive Automated Skin Cancer Detection System for Characterizing Malignant Melanoma from Seborrheic Keratosis, International Conference on Computer and Information Sciences (ICCIS), IEEE Explore; doi: 10.1109/ICCIS49240.2020.9257712, 2020.
- A Computer-aided Diagnoses System for Detecting Multiple Ocular Diseases Using Color Retinal Fundus Images, Machine Learning in Bio-Signal Analysis and Diagnostic Imaging, Elsevier, pp. 19-52; doi.org/10.1016/B978-0-12-816086-2.00002-3, 2019.
- Automated Segmentation and Classification of Hepatocellular Carcinoma Using Fuzzy C-Means and SVM, Medical Imaging in Clinical Applications, Springer International Publishing Switzerland; doi.org/10.1007/978-3-319-33793-7_9, 2016.
- Automated Focal liver lesion staging classification based on Haralick texture features and Multi-SVM, International Journal of Computer Applications (IJCA), Vol. 91, (Foundation of Computer Science, New York, USA); doi:10.5120/15901-4953, 2014.

- Optimizing Network Routing by Deducing a QoS Metric Using Rough Sets, International Journal of Engineering Science and Technology (IJEST), Vol. 2(7), pp. 3101-3110, 2010.
- Temporal Activation of Core Muscles and Vasti in Isolated Patellofemoral Osteoarthritis during Stair-Stepping: A Case-Control Study, annuals of Applied Sport Science, 2476-4981, 2022.
- Lower Limb Analysis Based on Surface Electromyography (sEMG) Using Different Time-frequency Representation Techniques, International Journal on Advanced Science, Engineering and Information Technology, 2088-5334, 2023.
- Using Machine Learning Techniques in predicting Auditor Opinion: Empirical Study, Lecture Notes Proceedings in Networks and Systems, Springer, 2023.

Certificates

- Certified TOT Trainer at Supreme Council of Egyptian Universities.
- LMS Certificate from National E-Learning Center and UNESCO Regional Office for Science.
- Strategic Studies and National Security by Nasser Higher Military Academy.
- Crisis Management and Negotiation by Nasser Higher Military Academy.
- Predictive Analytics Modeler - Mastery Award 2020, IBM Watson Media.
- Artificial Intelligence Analyst - Mastery Award 2019, IBM Watson Media.
- IOT Cloud Developer - Mastery Award 2019, IBM Watson Media.
- Methods of Measurement, Evaluation and Preparation of the test items from the Higher Education Development Projects Management Unit.
- FLDP Conference Organization.
- FLDP University Administration.
- FLDP Quality Assurance in Education.
- FLDP International Scientific Publishing.
- FLDP Financial and Legal Affairs in Universities.
- TOEFL with Score 500.
- Web development using Asp.net