

C.V.

AHMED MOSTAFA SHEHATA



PERSONAL INFORMATION

- ❖ Name: Ahmed Mostafa Mahmoud Shehata.
- ❖ Date of Birth: July 20, 1973.
- ❖ Nationality: Egyptian.
- ❖ Current Job: Associate Professor in Faculty of Electronic of Engineering.
- ❖ Place of Birth : Menouf- Menofia- Egypt.
- ❖ Marital Status : Married and have 4 sons.
- ❖ Telephone : 002 048 3669687
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- ❖ E-mail : am.shehata@el-eng.menofia.edu.eg
- ❖ Languages: Arabic, Excellent (Mother Tongue).
English, Excellent both written and spoken forms.

EDUCATION

1. **Ph.D.** of Computer Science and Engineering, Faculty of Electronic Engineering, Menouf, Menoufia University, Egypt, 2007.

Title of thesis: Integrity Constraints in Database Systems Design.

2. **M.Sc.** of Computer Science and Engineering, Faculty of Electronic Engineering, Menouf, Menoufia University, Egypt, 2001.

Title of thesis: Parallel Sorting on Tightly Coupled Multiprocessor Systems.

3. **B.Sc.** of Computer Science and Engineering, Faculty of Electronic Engineering, Menouf, Menoufia University, Egypt, May 1995.

Grade of Graduate: Very Good with Honor Degree.

Title of Graduation Project: Simulation of 8085 microprocessor.

Grade of Project : Excellent.

TEACHING EXPERIENCE

- **Demonstrator** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt. From 11/1995 until 5/2001.
- **Assistant Lecturer** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Menof-32952, Egypt. From 5/2001 until 3/2007.
- **Assistant Professor** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt. From 3/2007 until 25/8/2007.
- **Associate Professor** at Computer and Information Systems, Faculty of Science, Al-Qassim University, KSA. From 15/9/2007 until 30/6/2012.
- **Assistant Professor** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt. From 1/7/2012 until 25/8/2014.
- **Associate Professor** at Computer and Information Systems, Faculty of Science, Al-Majmaa University, KSA. From 5/9/2014 until 30/6/2018.
- **Assistant Professor** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt. From 1/7/2018 until 28/2/2023.
- **Associate Professor** at Computer Science and Engineering Department, Faculty of Electronic Engineering, Menofia University, Egypt. From 1/3/2023 until now.

MAJOR Teaching SUBJECTS:

- Principles of Programming
- Algorithm Concepts
- Database System Design.
- Database Administration.
- Computer Network
- Compiler Design
- Computer Architecture
- Software Engineering
- Data Structures
- Programming Languages
- Parallel Processing
- Logic Design
- Digital Systems
- Algorithms and data structures
- Internet Applications
- Operating Systems

TEACHING SKILLS LECTURES

I attended four courses in the teaching skills and management. These courses are:

1. Effective Teaching Skills.
2. Effective Presentation Skills.
3. Profession Ethics and arts.
4. Thinking Skills.
5. Mind Mapping Skills.
6. Creative thinking for leaders
7. Crisis and disaster management
8. Communication skills in different education styles
9. Credit hours
10. Decision making and problem solving

PUBLICATIONS

1. Harsh Mankodiya, Priyal Palkhiwala, Rajesh Gupta, Nilesh Kumar Jadav , Sudeep Tanwar, Bogdan-Constantin Neagu , Gheorghe Grigoras , Fayez Alqahtani and **Ahmed M. Shehata** "A Real-Time Crowdsensing Framework for Potential COVID-19 Carrier Detection Using Wearable Sensors" Mathematics 2022, <https://doi.org/10.3390/math10162927> - Web of Science, IF: 2.592- Quartile Q1. Scopus, CiteScore: 2.9 - Quartile: Q2
2. Aldosary Saad, **Ahmed M. Shehata**. "SCTM: a self-controlled touring and movement for industrial autonomous vehicle navigation" Soft Computing <https://doi.org/10.1007/s00500-020-05546-8> (2021)
3. Gamal Eldin I. Selim, EZZ El-Din Hemdan, **Ahmed M. Shehata**, Nawal A. El-Fishawy "Anomaly events classification and detection system in critical industrial internet of things infrastructure using machine learning algorithms". Multimedia Tools and Applications <https://doi.org/10.1007/s11042-020-10354-1> (2021)
4. Khalid A. Al-Afandy, Walid El-Shafai ,El-Sayed M. El-Rabaie, Fathi E. Abd El-Samie ,Osama S. Faragallah, Ahmed El-Mhalaway, **Ahmed M. Shehata**, Ghada M. El-Banby and Mohamed M. El-Halawany "Robust hybrid watermarking techniques for different color imaging systems", Multimedia Tools and Applications (2018) 77:25709–25759 <https://doi.org/10.1007/s11042-018-5814-y>
5. Khalid A. Al-Afandy, Fathi E. Abd El-Samie, Osama S. Faragallah and **Ahmed M. Shehata** "A Comparative Study for Color Systems Used In The DCT-DWT Watermarking Algorithm" Advances in Science, Technology and Engineering Systems Journal Vol. 1, No. 5, 42-49 (2016)
6. Khalid A. Al-Afandy, El-Sayed M. EL-Rabaie, Fathi E. Abd El-Samie, Osama S. Faragallah, Ahmed ELmhalaway and **Ahmed. M. Shehata** "Robust Color Image Watermarking Technique Using DWT and Homomorphic based SVD" Graphics, Vision and Image Processing Journal, ISSN 1687-398X, Volume 16, Issue 3, ICGST LLC, Delaware, USA, Dec. 2016.

7. Gamal Eldin I. Selim, EZZ El-Din Hemdan, **Ahmed M. Shehata**, Nawal A. El-Fishawy "An Efficient Machine Learning Model for Malicious Activities Recognition in Water-based industrial Internet of Things"
8. Gamal Eldin I. Selim, EZZ El-Din Hemdan, **Ahmed M. Shehata**, Nawal A. El-Fishawy "Security System for Critical Water Infrastructure Using Machine Learning Techniques"
9. **Ahmed M. Shehata**, H. Harb and H. Kelash "Static Tool Environment for Rule Termination Analysis by Refined Evolution Graphs" Journal of Engineering Sciences, University of Assiut, March 2007.
10. **Ahmed M. Shehata**, H. Harb and H. Kelash "Investigating Termination in Active Database Systems Using Transactions" Proceeding of the 16th International Conference on Computer Theory and Applications (ICCTA), Alexandria, Egypt, pp. 338-342, 2006.
11. **Ahmed M. Shehata**, H. Harb and H. Kelash "Rule Termination Analysis Using Transactions by Refined Evolution Graphs" ICGST International Conference on Artificial Intelligence and Machine Learning (AIML-06), Sharm El-Sheikh, Egypt 13-15 June 2006.
12. **Ahmed M. Shehata**, H. Harb and H. Kelash "Investigating Termination in Active Object-Oriented DBMS" IASTED international Conference on Internet and Multimedia Systems and Applications (IMSA), Honolulu, USA ,14-16 August 2006.
13. **Ahmed M. Shehata**, H. Harb and H. Kelash "Termination Analysis in Active Databases by Using Evolution Graphs" ITI 3rd International Conference on Information & Communication Technology, ICICT, pp. 781-791, Cairo, Egypt, Dec. 2005.
14. **Ahmed M. Shehata**, F. Torky and Hamdy Kelash "A Parallel Algorithm for Sorting on a Multiprocessor FARM" Al-Azhar Engineering International Conference, vol.9, pp. 88-97, 2000.