

Curriculum Vitae

Eman Hato Hashim

Computer Science Department– College of Science – Mustansiriyah University

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PERSONAL SUMMARY

- PhD of Computer Science /Teaching in the Mustansiriyah University/ College of Science / Computer Science Department since 2014 and till now.

EDUCATION

- B.Sc. In Computer Science 2004.
- M.Sc. in Computer Science 2014.
- PhD. In Computer Science 2019.

ACADEMIC /TEACHING EXPERIENCE

- Demonstrator since 2005.
- Assistant Lecturer since 2014.
- Lecturer since 2019.
- Assistant Prof since 2023 and till now.
- Teaching theoretical and practical subjects of fourth, third, second stages during the years of teaching.

COURSES TAUGHT

	Undergraduate	Class
1	Network Security	Class 4 - CS
2	Information System Security	Class 4 – IT
3	Digital Forensics	Class 4 – IT
4	Data Mining	Class 4 - IT
5	Information Security	Class 3 - CS
6	Web Design and Programming	Class 3 - CS
7	Advance Web Programming	Class 3 - IT
8	Data Structure	Class 2
9	Algorithm Design	Class2

ACADEMIC HONORS AND AWARDS

Many certificate of acknowledgment and appreciation from:

- Minister of Higher Education and Scientific Research
- Minister of the Ministry of Education
- President of Mustansiriyah University
- Dean of the College of Science - Mustansiriyah University
- Dean of the College of Education - Mustansiriyah University

REVIEWING INTERESTS

General Specialty: **Computer Science** and Specialization: **Multimedia Systems**

The reviewing interests are:

- Data Mining
- Information Security
- Information Retrieval
- Speech Processing Signal
- Video and Image Processing

PROFESSIONAL DEVELOPMENT

- An international certificate from an organization IC3.
- An international certificate from an organization Coursera -Johns Hopkins University in Neural Networks and Deep Learning.
- An international certificate from an organization Coursera -Johns Hopkins University in HTML, CSS, and Javascript for Web Developers.
- An international certificate from an organization Coursera -Johns Hopkins University in Introduction to Programming with MATLAB.

ACADEMIC COMMUNITY CONTRIBUTIONS

- Reviewing many researches for the Iraqi Journal of Science (IJS).
- Reviewing researches for the Iraqi Journal of Computers, Communications, Control and Systems Engineering (IJCCCE).
- Reviewing researches for the Second International Conference for Physics and Applied Science (ICPAS).
- Participation in Ibn Al-Haitham International Conference for Pure and Applied Sciences (IHICPS) - research participation.
- Participation in Scientific Conference, Mustansiriyah University - Collage of Science - Research participation.
- Participation in Conference of Ministry of Education - General Directorate Curricula- Research participation.
- Participation in Conference of Ministry of Education - General Directorate Curricula- Member of the scientific committee of the conference.
- Participation in Conference of Ministry of Education - Member of the scientific committee of the conference.
- Participation in Conference of Scientific Conference, Mustansiriyah University - Collage of Science – Computer Science Department- Member of the electronic management committee.
- Presenting many workshops and seminars in the College of Science and the College of Education- Mustansiriyah University.
- Presenting workshops and seminars in the Ministry of Youth and Sports.

PUBLICATIONS

1. Dr.Saad Najim Al Saad ,Eman Hato. "**A Speech Encryption based on Chaotic Maps**", *International Journal of Computer Applications (IJCA)*, Vol. 93, No. 4, 2014.
2. Dr.Saad Najim Al Saad ,Eman Hato. "**A Speech Scrambler Algorithm Based on Chaotic System**" , *Al-Mustansiriyah J. Sci.*, Vol. 24, No 5, *Proceedings of the Scientific Conference, Mustansiriyah University - Collage of Science 2013*.
3. Eman hato. "**Cellular Automata and Chaotic Maps for Speech Signal Encryption**", *International Journal of Applied Information Systems*, Vol. 9, No. 3, 2015.
4. Eman hato, Dalya Shihab. "**Lorenz and Rossler Chaotic System for Speech Signal Encryption**", *International Journal of Computer Applications* , Vol. 128, No. 11, 2015.
5. Dr.Matheel E Abdulmunem, Eman Hato." **Semantic Based Video Retrieval System: Survey**", *Iraqi Journal of Science*, Vol. 59, No.2A, 2018.
6. Dr.Matheel E Abdulmunem, Eman Hato." **A Comparison of Corner Feature Detectors for Video Abrupt Shot Detection** ", *Journal of Al-Nahrain University*, Vol.21, NO. 3, September, 2018.
7. Dr.Matheel E Abdulmunem, Eman Hato." **Outdoor Scene Classification Using Multiple SVM** ", *Iraqi Journal of Science*, Vol. 59, No.4C, 2018.
8. Dr.Matheel E Abdulmunem, Eman Hato." **A Proposed Algorithm for Shot Boundary Detection Using Various Features**", *Diyala Journal For Pure Science*, Vol. 15, No.2, 2019.
9. Eman Hato, Dr.Matheel E Abdulmunem." **New Algorithm for Artificial Text Detection in News Videos**", *Journal of College of Education*, Vol. 1, No.1, 2019.
10. Eman Hato, Matheel E. Abdulmunem. "**Fast Algorithm for Video Shot Boundary Detection Using SURF Features**", *In proceedings of the 2nd Scientific Conference of Computer Sciences (SCCS), IEEE, University of Technology – Iraq 2019*.
11. Eman Hato, "**Temporal Video Segmentation Using Optical Flow Estimation**" *Iraqi Journal of Science*, vol. 62, no.11, pp. 4181-4194, 2021, doi: 10.24996/ijcs.2021.62.11.36.
12. Eman Hato, "**Impact of Feature Selection for Data Classification Using Naive Bayes Classifier**", *Journal of Physics: Conference Series, Ibn Al-Haitham International Conference for Pure and Applied Sciences (IHICPS), IOP Publishing*, vol. 1879, pp. 1-12, 2021.
13. Eman Hato, "**Extracting Descriptive Frames from Informational Videos**" *Iraqi Journal of Science*, vol. 64, no.8, pp. 5160-5177, 2023, doi: 10.24996/ijcs.2023.64.8.43.