

Curriculum Vitae (CV)

Full Name Mona Mohamed Fouad Gandour



Personal Information:

Academic Rank: Assistant Professor

Department: Computer Science

Specialization: Information Systems

Position: Lecturer

Google Scholar: [Mona Mohamed - Google Scholar](#)

Research Gate: [Mona Mohammed \(researchgate.net\)](#)

ORCID Record: [mona mohamed \(0000-0002-8212-1572\) \(orcid.org\)](#)

Scopus ID: [Mohamed, Mona - Author details - Scopus Preview](#)

Email mona.fouad@hti.edu.eg

Mobile/WhatsApp: +20/ 01025675559

Education:

Degree	Discipline	Institution	Year
Ph.D.	Information Systems	Zagazig university	2023
M.Sc.	Information Systems	Menoufia university	2018
B.Sc.	Information Systems	Higher technological institute	2008

Academic Experience:

Institution: Higher Technological Institute

Rank: Assistant Professor

Dates: 2023

Institution: Higher Technological Institute

Rank: Research Assistant (PhD student)

Dates: 2018

Institution: Higher Technological Institute

Rank: Teaching Assistant

Dates: 2008

Research interests:

- -Decision Making
- -Artificial Intelligence
- -Optimization
- -Sustainability
- -Uncertainty problems (Neutrosophic theory)
- -Software Engineering
- -System Analysis and Design
- -Operation Research

Publications:

- - Abdul-Kader, H. and Mohamed, M., 2021. Hybrid machine learning model for rainfall forecasting. *Journal of Intelligent Systems and Internet of Things*, 1(1), pp.5-12.
- - Mohamed, M., 2020. A comparative study on Internet of Things (IoT): frameworks, tools, applications and future directions. *Journal of Intelligent Systems and Internet of Things*, 1(1), pp.13-39.
- - Eldrandaly, K.A., El Saber, N., Mohamed, M. and Abdel-Basset, M., 2022. Sustainable Manufacturing Evaluation Based on Enterprise Industry 4.0 Technologies. *Sustainability*, 14(12), p.7376.
- - A Eldrandaly, K., Mohamed, M., El-Saber, N. and Abdel-Basset, M., 2022. An assessed framework for manufacturing sustainability based on Industry 4.0 under uncertainty. *Neutrosophic Sets and Systems*, 49(1), p.35.
- - Abdel-Kader, H., Selim, I., Ahmed, A. and Mohamed, M., 2016, October. Forecasting Rainfall Based On Hybrid Intelligent System. In *2016 26th International Conference on Computer Theory and Applications (ICCTA)* (pp. 56-61). IEEE.
- - Abdul-Kader, H.M., Selim, I., Abd-El Salam, M., Ahmad, A. and Mohamed, M., Forecasting Rainfall based on Computational Intelligent Techniques. *International Journal of Computer Applications*, 975, p.8887.
- - Selim, I. and Mohamed, M., Expert System Offer Solutions for Automated Telescope Dome, Imaging System and Focus.

Certifications or Professional Registrations:

Teaching Experience:

- **Since 2008-2018: Demonstrator**
- **Since 2018-2023: Teaching Assistant (PhD student)**
- **At present: Assistant Professor (Lecturer)**

Courses taught

- -Software Engineering (1)
- -Software Engineering (2)
- -Expert System
- -Logical Programming.
- -Operation Research.
- -Decision Support System.
- -Information Systems Design

- -Introduction to Information Systems.
- -Database Management Systems (1).
- -Introduction to Computer Science.
- -Data Communication.
-