

Soha Abdelmoamen Mohamed Elzohny

Assistant Professor , Information Systems department,
Faculty of Computers and Information, Assiut University

Member of the Scientific Research School of Egypt (SRSEG)

<http://www.egyptscience-srge.com/>

Assiut, Egypt | +20-1117508860 | sohamoamen@aun.edu.eg



Work experience

Assistant Professor April 2022 - Present
Information System Department, Faculty of Computer and
Information, Assiut University
Assiut, Egypt

Lecturer May 2017 - April 2022
Information System department, Faculty of Computers and
Information, Assiut University
Assiut, Egypt

Demonstrator Sep 2013 - May 2017
Information System department, Faculty of Computers and
Information, Assiut University
Assiut, Egypt

Education

PhD degree April 2022
Information System Department, Faculty of Computer and
Information, Assiut University

Master degree June 2017
Information System Department, Faculty of Computer and
Information, Assiut University

Bachelor degree 2009 - 2013
Information System Department, Faculty of Computer and
Information, Assiut University
B.Sc. overall grade 87.49% (Distinction with degree of honor)

Certificates

International Computer Driving License (ICDL). Dec - 2012
Assiut University

International English Language Testing System (IELTS) Sep - 2014
Score 5.5

Skills

Databases

MS SQL, MS Access, MySQL

Programming Languages

C#, PHP, C++, JavaScript, HTML, JAVA,
CSS, Android

Google Scholar

<https://scholar.google.com/citations?user=U3TjGvUAAAAJ&hl=en>

ORCID

<https://orcid.org/0000-0002-2230-5310>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57220614869>

Web of Science

<https://www.webofscience.com/wos/author/record/HGD-7789-2022>

Graduate Record Examinations (GRE). Quantitative Reasoning - 149	Nov - 2014
Code of Ethics in Faculty And Leadership Development Center. Assiut University	Sep - 2015
Financial Aspects in University Environment in Faculty and Leadership Development Center. Assiut University	Sep - 2015
Communication Skills in University Environment in Faculty and Leadership Development Center. Assiut University	Sep - 2015
Credit Hour System in University Environment in Faculty and Leadership Development Center. Assiut University	Sep - 2015
Research Team Management in University Environment in Faculty and Leadership Development Center. Assiut University	Sep - 2015
Research Ethics in University Environment in Faculty and Leadership Development Center. Assiut University	Sep - 2015

Publications

Mohamed, Soha Abd El-Moamen, Marghany Hassan Mohamed, and Mohammed F. Farghally. "Constructive Learning of Deep Neural Networks for Bigdata Analysis." International Journal of Computer Applications Technology and Research 9 (2020).

Mohamed, Soha Abd El-Moamen, Marghany Hassan Mohamed, and Mohammed F. Farghally. "Covid-19 Detection Based on Cascade-Correlation Growing Deep Learning Neural Network Algorithm." International Journal for Computers & Their Applications 29.3 (2022).

Soliman, Taysir Hassan A., Soha A. El-Moemen Mohamed, and Adel A. Sewisy. "Developing a mobile location-based collaborative Recommender System for GIS applications." 2015 Tenth International Conference on Computer Engineering & Systems (ICCES). IEEE, 2015.

Mohamed, Soha Abd El-Moamen, Marghany Hassan Mohamed, and Mohammed F. Farghally. "A new cascade-correlation growing deep learning neural network algorithm." *Algorithms* 14.5 (2021): 158.

Mohamed, Soha A. El-Moemen, Taysir Hassan A. Soliman, and Adel A. Sewisy. "A context-aware recommender system for personalized places in mobile applications." *International Journal of Advanced Computer Science and Applications* 7.3 (2016).

Fields of Interests

- Geographic information system (GIS)
- Recommender System
- Artificial intelligence

Languages

- Arabic: Mother Tongue
- English: Very Good