

Marwa Khairy Mohamed

In front of Minia University, Minia, Egypt

Marw.kh.Mohamed@mu.edu.eg, Marwa.khairy99@gmail.com

002-01068385381, 002-01116364344, 0020862091133



Academic Qualifications

2021 PhD

Computer Science Department, Faculty of Science, Minia University.

Doctoral Thesis: " Detecting and Filtering of Offensive Content in Online Social Networks"

2014 Master

Computer Science Department, Faculty of Science, Minia University.

Master Thesis: " A Study of Content-Based Spam Filtering Techniques"

2007 Bachelor

Computer Science Department, Faculty of Science, Minia University.

Professional Profile

- Highly developed research qualitative and analytical skills with a strong capacity to conduct independent research
- Demonstrated ability to develop goals, objectives and implement strategies through lesson planning and teaching experience
- Possess good communication and team spirit
- Possess excellent teaching and monitoring skills
- Ability to complete assigned course within limited time period
- Familiar with the policies and guidelines of University
- Ability to explain technical concepts and ideas in a clear and precise way
- Self-motivator and excellent team player

Academic Employment

- 5/2009 - 3/2014 **Teaching assistant**
EELU (Egyptian E-Learning University).
- 3/2020 - 9/2021 **Teaching assistant**
Computer Science Dept. Faculty of Computers and
Information, Minia University.
- 9/2021 **Lecturer**
Computer Science Dept. Faculty of Computers and
Information, Minia University.

Publications:

- El Koshiry AM, Eliwa EHI, Abd El-Hafeez T, Khairy M. 2024. Detecting cyberbullying using deep learning techniques: a pre-trained glove and focal loss technique. PeerJ Computer Science 10:e1961 <https://doi.org/10.7717/peerj-cs.1961>
- Khairy, M., Mahmoud, T.M & Abd-El-Hafeez,T. The effect of of rebalancing techniques on the classification performance in cyberbullying datasets.Neural Compute&Applic(2023). <https://doi.org/10.1007/s00521-023-09084-w>.
- Khairy, M., Mahmoud, T.M, Omar, A. & Abd-El-Hafeez,T. Comparative performance of ensemble machine learning for Arabic cyberbullying and offensive language detection. Lang Resources&Evaluation (2023). <https://doi.org/10.1007/s10579-023-09683-y>
- Marwa Khairy, Tarek M. Mahmoud, and Tarek Abd-El-Hafeez, "Automatic Detection of Cyberbullying and Abusive Language in Arabic Content on Social Networks: A Survey". Procedia Computer Science 189 (2021). Elsevier. pp. 156-166
- Marwa Khairy, Tarek M. Mahmoud, Tarek Abd-El-Hafeez, and Ahmed Mahfouz, "User Awareness of Privacy, Reporting System and Cyberbullying on Facebook". Advances in Intelligent Systems and Computing, vol 1339. Springer, 2021. pp. 613–625.

- “An Efficient Three-Phase Email Spam Filtering Technique “, British Journal of Mathematics & Computer Science 4(9): 1184-1201, 2014, SCIENCEDOMAIN international.
- “A New Hybrid Email Spam Filtering Technique Based on Bayesian and Artificial Immune System”, 2nd International Conference on Computer Science Innovation & Technology (CCSIT 2013), 1-3 July 2013, Alexandria, Egypt. (pp. 91-98).

Technical Skills

Languages: C++/C#, Python, Java/J2EE, VB.Net, ASP.Net.

Development Tools: Oracle, SQL Server, XML.

Certificates

- MCTS & MCPD Microsoft Certification.
- CTP Certification

Knowledge Background

- Very Good Knowledge of Machine Learning and Deep Learning Techniques.
- Very Good Knowledge of Pattern Recognition.
- Very Good Knowledge of Computer Networks.
- Very Good Knowledge of Cyber security.
- Very Good Knowledge of Data Mining Techniques.
- Very Good Knowledge of Artificial Immune system.
- Very Good Knowledge of Database systems.
- Very Good Knowledge of Decision support systems.
- Very Good Knowledge of Information Retrieval.
- Very Good Knowledge of Algorithms and Data Structure.
- Very Good Knowledge of System Analysis & Design.
- Very Good knowledge of Software Engineering.
- Very Good knowledge of Artificial Intelligence and Simulation.
- Very Good Knowledge of Decision Support systems.
- Very Good Knowledge of Social Information systems.
- Very Good Knowledge of Operating Systems.

Language

- ✓ **Mother tongue:** Arabic
- ✓ **Other languages:** English (very good in writing and speaking)
(Passed four English levels and soft skills courses at **Berlitz**).

Referees

Prof. Dr. Tarek Moustafa Mahmoud

Professor in Faculty of Computers and Artificial Intelligence, University of Sadat City.

Phone:01005532082

Email: d.tarek@mu.edu.eg

Dr. Tarek Abdel Hafeez Abdel Rahman

Professor, Department of Computer Science, Faculty of Science, Minia University

Phone:01117674902

Email: tarek@mu.edu.eg