

# Curriculum Vitae of Faculty Members



## 1. Personal Information.

Name	Amr Hassan Abdelhalim Mohamed
Place of Birth	19/09/1985
Nationality	Egyptian
Address	irbid, Jordan, Egypt
Mobile Number	0782577282
E-mail	a.hasan@inu.edu.jo

## 2. Academic Qualifications

#	Degree	Specialization	Rate	Language of study	University Name	Graduation Date
1.	PhD.	Computer Science	Excellent	English	Suez University	2021
2.	M.A or M.Sc.	Computer Science	Excellent	English	Zagazig University	2014
3.	B.A. OR B.Sc.	Computer Science	Good	English	Zagazig University	2006
4.	G.S.E.C	Scientific	89.6	Arabic	Bilbeas – Secondary School	2002

Field of narrow specialization for higher degree: computer Science / AI

Title of Master Thesis : Data Mining for Knowledge Discovery

Title of Ph.D. Dissertation: Developing some algorithms for medical data mining applications

## 3. Academic Experience

#	Position	Place of work	Period of work
1.	Assistant Professor	Irbid National University	10 Oct 2024 - Now
2.	Lecturer	Higher Institute of Computers, Infor Systems and Management	2021 - 2024
3.	Lecturer	Computer Science Department at Al College (Tabuk University)	2014 - 2018.



#	Name of Association
1.	Assistant Professor – Cybersecurity Department -Faculty of science & information Technology - University 2024 to date
2.	Computer Science Lecturer – Higher Institute of Computers, Information Systems and Management - 2024
3.	Lecturer in the Computer Science Department at Al-Wajh College (Tabuk University) 2014-2018.

#### 4. Membership in Academic Societies Associations

Irbid N

#### 6. Publish Research Paper

Name of Paper
[1] A.H. Abedhaliem, M.A. Atiea, M.E. Wahed, M.S. Metwally, “On the Application of Combine Soft Set with Near Set in Predicting the Lung Cancer Mortality Risk, “Advances in Science, Technology and Engineering Systems Journal, 6(2), 332–343, 2021 ,doi:10.25046/aj060238.



<p>[2] A.H.A. Haliem, M.A. Atiea, M.E. Wahed, M.S. Metwally, "Application of Rough Sets to Predict the Breast Cancer Risk Association with Routine Blood Analyses," International Journal of Innovative Technology and Exploring Engineering (IJITEE), (3),2278–3075, 2021,doi:10.35940.</p>
<p>[3] hassan, A., Wahed, M., Atiea, M., Metwally, M. (2021). A hybrid approach for classification Breast Cancer histopathology Images. Frontiers in Scientific Research and Technology. doi: 10.21608/fsrt.2021.81637.1044.</p>
<p>[4] Ahmed Soufi Abou-Taleb, Ahmed Hassan ,Osama Abdo Mohamed, Amr Hassan Abdelhalim , " Hybridizing Filters and Wrapper Approaches for Improving the Classification Accuracy of Microarray Dataset" Journal International Journal of Soft Computing &amp; En, vol. 3, no. 3, p. 5, July 2013.</p>
<p>[5] Ahmed Soufi Abou-Taleb, Ahmed Hassan, Osama Abdo Mohamed, Amr Hassan Abdelhalim , "A Hybrid Feature Selection approach of ensemble multiple Filter methods and wrapper method for Improving the Classification Accuracy of Microarray Data set ", International Journal of Computer Science and Information Technology &amp; Security (IJCSITS), vol. 3, no. 2, p. 6, April 2013</p>
<p>[6] Abdelhaliem, A. H., Abdelnapi , N. M. and Atiea, M. A. (2025) "Enhancing Prostate Cancer Risk Prediction Using a Hybrid Near Sets and Soft Sets Model: A Novel Approach for Improved Patient Care", Statistics, Optimization &amp; Information Computing, 14(2), pp. 770-788. doi: 10.19139/soic-2310-5070-2382.</p>
<p>[7] Tawfik, M., Abdelhaliem, A. H., &amp; Fathi, I. S. (2025). Transforming IoT Security through Large Language Models: A Comprehensive Systematic Review and Future Directions. Statistics, Optimization &amp; Information Computing, 14(2), 1018-1044. <a href="https://doi.org/10.19139/soic-2310-5070-2424">https://doi.org/10.19139/soic-2310-5070-2424</a></p>
<p>[8] Tawfik, M., Abdelhaliem, A. H., &amp; Fathi, I. (2025). Quantum-Resistant Privacy-Preserving IoT Authentication via Zero-Knowledge Proofs and Blockchain Integration. Statistics, Optimization &amp; Information Computing, 14(3), 1374-1402. <a href="https://doi.org/10.19139/soic-2310-5070-2399">https://doi.org/10.19139/soic-2310-5070-2399</a></p>
<p>[9] Abdelhaliem, A. H., Fathi, I. S., &amp; Tawfik, M. (2025). Fast and Efficient Feature Selection in AI Application Based on Enhanced Binary Secretary Bird Optimization Algorithm . Statistics, Optimization &amp; Information Computing, 14(5), 2643-2662. <a href="https://doi.org/10.19139/soic-2310-5070-2597">https://doi.org/10.19139/soic-2310-5070-2597</a></p>



[10] Tawfik, M., Abu-Ein, A.A., Noaman, H.M. et al. FedMedSecure: federated few-shot learning with cross-attention mechanisms and explainable AI for collaborative healthcare cybersecurity. Sci Rep 15, 40050 (2025). <https://doi.org/10.1038/s41598-025-25107-z>

7.Languages :

Arabic (For non - Arabic Speakers)
English
Other Languages

I'M	Hereby that all the foregoing statements above are true, and I bear complete legal responsibility .
Signature :	
Place& Date:	