

Curriculum Vitae

***Dr. Nashat Ali Mohammad
Alrefai***

Jadara University. Irbid, Jordan.

Personal Details



Name : Nashat Ali Mohammad Al-Refai    
Address 1 : Saudi Arabia -Dammam
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Current Position : **Ph.D. Computer Science – Artificial Intelligence and Data Science**
Thesis Title : DEEP LEARNING BASED FRAMEWORK FOR CANCER CLASSIFICATION USING MICROARRAY DATASETS

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<https://www.linkedin.com/in/nashat-alrefai-76331081/>

<https://github.com/nalrefai>

<https://www.kaggle.com/nalrefai>

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1. PERSONAL STATEMENT

Having a positive personality, being self-motivated, charismatic, futuristic, and enthusiastic. Strong communication skills and superior interaction abilities at all levels make me an asset to any organization. My skills include hard work, practicality, creativity, imagination, and a willingness to give unlimited dedication to the job to improve and enhance whatever skills I possess.

2. EDUCATION BACKGROUND

No.	CERTIFICATION	COLLEGE/UNIVERSITY	YEAR OBTAINED	Degree
1	Ph.D. / Computer Science – Artificial Intelligence and Data Science Thesis Title: DEEP LEARNING BASED FRAMEWORK FOR CANCER CLASSIFICATION USING MICROARRAY DATASETS	UTM, Malaysia	2023	Ph.D.
2	Master / Computer Information System (CIS)	AABFS, Jordan	2007	Master
3	High Diploma / Computer Information System (CIS)	AABFS, Jordan	2006	High Diploma
4	Bachelor's degree in Applied Mathematics. Minor: Programming and systems Analysis.	Jordan University of Science and Technology (JUST), Jordan	2001	Bachelor's

3. WORKSHOPS / SEMINARS AND OTHER ACTIVITIES

No	Name of Course / Workshop / Seminar	Organizer	Year Obtained
1	Oracle (SQL, PL/SQL, DEVELOPER 2000 (Forms, Reports, Graphic))	EC center	2001
2	Rational Rose (system analysis)	AABFS	2006
3	Developing the Core Competencies in Teaching & Learning within Higher Education	IAU	2015
4	Computer Vision: A Discussion on its Opportunities & Challenges Analysis	UTM	2022
5	Reference manager Mendeley	IAU- Presenter	2022
6	Microsoft Yammer	IAU	2022
7	CompTIA Security+	IAU	2022
8	How to Use e-Portfolio	IAU	2022
9	LATEX	IAU	2022
10	Thesis by Publication	UTM	2021
11	How to Prepare Your Manuscripts for Publication in Top Journals	Bright talk	2022
12	EASY STEPS FOR VIVA PRESENTATION	Azman Hashim school-UTM	2022
13	AI-enabled predictive retrosynthesis tool to advance drug discovery	Bright talk	2021
14	Security Awareness	IAU	2021
15	Microsoft planner	IAU	2021
16	Using machine learning to identify adverse events from scientific literature	Bright TALK	2021
17	QUALITY IN SCIENTIFIC RESEARCH	Higher Studies and Scientific Research IAU	2020
18	Conference skills for researchers	ELSEVIER	2021
19	Going through peer review	ELSEVIER	2021
20	Decoding the Predatory journal menace	ELSEVIER	2021
21	Thesis writing workshop	UTM	2021
22	High-Quality Assessment through the Use of Rubrics	IAU	2020
23	Writing Systematic Literature Review	IAU	2020
24	Clinical Key	IAU	2020
25	Academic Book Publishing with Springer nature	APACA Library (Springer)	2020
26	Strategic Plan	UTM	2020
27	Microsoft To Do	IAU	2022
28	Writing scientific papers and thesis using Latex	IAU	2023
29	The side knowledge and technical for Academic supervision	IAU	2023
30	التوجه الإبداعي	IAU	2023

31	نسخ المقررات وأرشفتها في البلاك بورد	IAU	2022
32	استراتيجيات التعليم النشط	IAU	2022
33	نموذج العمل التجاري	IAU	2022
34	كتابة ومراجعة التقرير السنوي للبرنامج الأكاديمي	IAU	2023
35	التحسين المستمر وغلق دائرة الجودة للبرامج الأكاديمية	IAU	2023
36	تقرير الدراسة الذاتية للبرامج	IAU	2023
37	What is Artificial Intelligence & How to Use is in Teaching	University of Turku	2023
38	(استخدام نظام إدارة التعلم) -Blackboard- متقدم	IAU-التعليم الإلكتروني	2020
39	بناء شبكات التواصل للباحثين من أجل الترقية	IAU	2020
40	How to Create a Course Portfolio	IAU	2020
41	دور عضو هيئة التدريس في تطوير الأداء المهني	IAU	2020
42	جودة المقررات الإلكترونية باستخدام معايير الكوالتي مائز	IAU	2021
43	علم البيانات والتعلم الآلي	إدراك	2019
44	Endnote Desktop	IAU	2019
45	How to Be an Intelligent Reader - A Research/Academic Paper Perspective	PGSS-UTM	2019
46	Math Tools in OneNote	IAU	2021
47	Promote your research quality for publishing using Web of science	IAU	2019
48	Python for Data Analysis	PGSS-UTM	2021
49	الأمن السيبراني في البحث العلمي وحماية البيانات	IAU	2025
50	أدوات تحليل البيانات لاستخلاص رؤى بحثية دقيقة	IAU	2025
51	استراتيجيات متقدمة في توظيف الذكاء الاصطناعي في البحث العلمي	IAU	2025
52	البحث التطبيقي وتحويل الأبحاث إلى فرص استثمارية	IAU	2025
53	بناء شخصية الباحث المستقل	IAU	2025
54	الإدارة الذاتية والمهارات النفسية للباحثين لتحقيق النجاح	IAU	2025
55	كيف نصمم نموذج أولي لفكرة ابتكارية	IAU	2025
56	إجراءات الحصول على براءة اختراع	IAU	2025

4. PUBLICATIONS

No	Name of Publication	Publisher Name	Type of Publication	Year Published
1	An integrated framework based deep learning for cancer classification using microarray datasets	Springer	Journal (ISI Q2)	2023
2	Optimized feature selection method using particle swarm intelligence with ensemble learning for cancer classification based on microarray datasets	Springer	Journal (ISI Q1)	2022
3	Cuckoo algorithm with great deluge local-search for feature selection problems.	Institute of Advanced Engineering and Science (IAES)	Journal (Scopus Q2)	2022
4	Examining the effect of interoperability factors on building information modelling (BIM) adoption in Malaysia	Emerald	Journal (ISI +Scopus Q1)	2022
5	A Literature Review of Technology Adoption theories and Acceptance models for novelty in Building Information Modeling	University of Tehran	Journal (Scopus Q4)	2022
6	Semi-Supervised Ensemble Learning for Expanding the Low Sample Size of Microarray Dataset	IEEE	Conference (ISI +Scopus)	2021
7	Deep learning for COVID-19 diagnosis based on chest X-ray images.	Institute of Advanced Engineering and Science (IAES)	Journal (Scopus Q2)	2021
8	Hybrid feature selection method based on particle swarm optimization and adaptive local search method	Institute of Advanced Engineering and Science (IAES)	Journal (Scopus Q2)	2021
9	DEEP LEARNING-BASED CANCER CLASSIFICATION FOR MICROARRAY DATA: A SYSTEMATIC REVIEW	Little Lion Scientific	Journal (Scopus Q4)	2021
10	TRANSFER LEARNING FOR COVID-19	ITTPCOVID19	Conference	2021

CLASSIFICATION BASED ON CHEST X-RAY IMAGES				
11	Memory based cuckoo search algorithm for feature selection of gene expression dataset	Elsevier	Journal (Scopus Q2)	2021
12	Neighborhood search methods with moth optimization algorithm as a wrapper method for feature selection problems.	Institute of Advanced Engineering and Science (IAES)	Journal (Scopus Q2)	2020
13	Ensemble machine learning for leukemia cancer diagnosis based on microarray datasets	Research India Publications	Journal (Scopus Q2)	2019
14	Image Encryption Algorithm Based on Factorial Decomposition	Springer	Journal (ISI Q2)	2024
15	The Advanced Encryption Standard with a Dynamic S-Box Using the RC4 Key Schedule	ICECET	Conference (ISI +Scopus)	2024

5. ACADEMIC ACTIVITIES

NO	Activity Name	Organizer	Year Obtained
1	The first national conference for the preparatory year in Saudi universities	IAU	2015
2	The Third National Conference on Quality in Higher Education	IAU	2013
3	Developing Core Competencies in Teaching and Learning in Higher Education	IAU	2015
4	E-learning	KFUPM	2009
5	Situation Analysis and Orientation	Thomson Reuters Foundation	2015
6	On the Pathway for Quality Assured Research	Thomson Reuters Foundation	2015
7	Teaching Using Expert Set Jigsaw	IAU	2016
8	Project planning Process Training	IAU	2016
9	International Teleconference on Technology and Policy for Supporting Implementation of COVID-19 Response and Recovery Plan	Malaysia online	2021
10	Disaster Risk Reduction and IR 4.0	UTHM - Malaysia	2020
11	IELTS band 6.0	British Council	2018

6. AWARDS

NO	Award Name	Venue	Cert. Obtained
1	Best Researcher in the department	IAU	2021
2	تقديم ورشة استراتيجيات متقدمة في توظيف أدوات الذكاء الاصطناعي في البحث العلمي https://www.youtube.com/watch?v=1eDxVLO-xps	IAU	2025
3	المركز الأول عن أفضل مشروع بحثي بقسم الرياضيات https://x.com/iau_cs/status/1920535827433562136?s=46&t=e482c3IcERhdg2NfOqTqgQ	IAU	2025

7. EMPLOYMENT HISTORIES

7.1

Company's Name : Imam Abdulrahman bin Faisal University- college of science
Position : **Lecturer**
Specialization/Industry : Education
Date Joined – Date Left : 2007 – 2025.

7.2

Company's Name : Imam Abdulrahman bin Faisal University - Basic and Applied Scientific Research Center
Position : **Researcher**
Specialization/Industry : Education
Date Joined – Date Left : 2019 – 2025.

7.3

Company's Name : Toledo college, Jordan
Position : **Lecturer**
Specialization/Industry : Education
Date Joined – Date Left : 2004 - 2005.

7.4

Company's Name : Computer company (SCTT) - Saudi - Jeddah
Position : **Trainer and developer**
Specialization/Industry : Education
Date Joined – Date Left : 2002 – 2004.

7.5

Company's Name : Granada College
Position : **Lecturer**
Specialization/Industry : Education
Date Joined – Date Left : 2001 – 2002.

8. MEMBERSHIPS

No.	Membership
1	IEEE member
2	Member of the Scientific Research Committee
3	Member of the Quality and Academic Accreditation Committee
4	Member of the Academic Program Development Committee and Equivalency Committee
5	Member of the Risk Management Committee
6	Member of the Student Counseling Committee
7	Member in International Federation of the Red Crescent Society
8	Member in Arab Academy for Banking and Financial Sciences

9. Undergraduate courses taught

No.	Course name
1	Computational Mathematics
2	Introduction to Programming with MATLAB
3	Introduction to programming C++
4	Microprocessor
5	Assembly Language
6	Introduction to programming VB
7	Advance Visual basic.net
8	Computer Applications in Nutrition
9	JAVA
10	Computer Applications in Nutrition
11	Information Technology
12	SPSS
13	EPI 207 & EPI 208
14	Database management systems
15	Introduction to networking and data communication
16	Information retrieval systems
17	Python Programming for Data Science
18	Artificial Intelligence
19	Machine Learning
20	Deep Learning
21	Unix – Operating System
22	Undergraduate projects (Supervisor & Examiner)
23	Advance Data Structure

10. REFERENCES

No.	Name	Position	H/P. No: