CV

Personal Data:

Name:	Mahmoud Irsheid Ahmad Dawahdeh	
Date of birth : 01 /02 /1976	Country : Jordan	Religion: Islam
Nationality : Jordanian	Marital status: Married with six kids	Male/Female : Male

Contact details:

Country : Jordan	Mobile number: +962-770381590 +60-1114880140 Whatsapp	E-mail : mdawahdeh1976@yahoo.com
City : Irbid		

Education:

- **Education:**

Subject	Year	Institution
Bachelor's degree in Mathematics	1998	University of Mutah - (Jordan)
Bachelor's degree in Military Science	2012	University of Mutah - (Jordan)
Master degree in Mathematics	2017	Irbid National University - (Jordan)
Ph.D. in Applied Mathematics	2020	University Sultan Zainal Abidin (UniSZA/Malaysia)

- **Other Courses:**

Course	Date	Institution
English Language Course(6 months)	2000	Military Languages Institute (JAF)
Intermediate General English and IELTS preparation course (a 200 hour course)	2007	British Council Jordan Passed the IELTS test (5.5) Passed the TOEFL national exam (77%).
A UN System Induction Course	2013	United Nations Military Training Cell
Principles and Guidelines for UN Peacekeeping Operations	2013	Peace Operations Training Institute
Comprehensive Computer Course	2006	Computer Training Institute
Rehabilitation administrative Course	2007	Computer Training Institute
Security for United Nations Peacekeepers	2013	Peace Operations Training Institute
Principles of Intervention and Management	2013	Peace Operations Training Institute
United Nations Civil-Military Coordination	2013	Peace Operations Training Institute
Protection of Civilians	2013	Peace Operations Training Institute
Research Methodology Course	2018	University Sultan Zainal Abidin (UniSZA/Malaysia)

- **PhD Thesis Title:**

AN IMPROVED POLAK-RIBIERE-POLYAK METHOD USING STRONG WOLFE-POWELL LINE SEARCH FOR UNCONSTRAINED OPTIMIZATION PROBLEMS
The main goal of this research is to introduce two new conjugate gradient (CG) methods that have global convergence properties and efficient compared to other CG methods. The new algorithms can be good alternatives to the least-squares method in regression analysis through data fitting and they are applicable for practical use.

- **Publications:**

Dawahdeh, M., Mamat, M., Alhawarat, A., & Rivaie, M. (2018). A New Modification Of Conjugate Gradient Method With Global Convergence Properties. In American Institute of Physics Conference Series (Vol. 2013, No. 2). (Scopus)
Dawahdeh, M., Mamat, M., Alhawarat, A., Rivaie, M., & Afendee Mohamed, M. (2018). An extension of Polak-Ribière-Polyak method. *International Journal of Engineering &* Technology, *7*(3.28), 348-353. (Scopus)
Dawahdeh, M., Mamat, M., Rivaie, M., Afendee Mohamed, M., & Ghazali, P. L. (2019). An extension of Polak-Ribière-Polyak method using exact line search. *International Journal of Recent Technology and Engineering,* 8(2S3), 368-373. (Scopus)
Dawahdeh, M., Mamat, M., Rivaie, M., & Sulaiman, I. M. (2020). A New Spectral Conjugate Gradient Method with Strong Wolfe-Powell Line Search. *International Journal of Emerging Trends in Engineering Research*, 8(2), 391-397. (Scopus)
Dawahdeh, M., Mamat, M., Rivaie, M., & Sulaiman, I. M. (2020). Application of Conjugate Gradient Method for Solution of Regression Models. *International Journal of Advanced Science and Technology*, 29(7), 1754-1763. (Scopus)
Dawahdeh, M., Dawahdeh, Z., Mamat, M., & Shatnawi, M. T. (2021). The application of Conjugate Gradient Method in Real-Life. *Journal of Hunan University (Natural Sciences)*, (under reviewing). (Q2)

- **Conferences:**

Participation in an international Conference for Mathematics as a presenter.	2018	ICoMEIA2018/University Malaysia Perlis (UniMAP), (International Conference)
Participation in Online Seminar: Improving Academic Writing Skills in Publishing High Impact Journals	2020	(Online Seminar) University Putra Malaysia

Skills:

- **Languages:**

Mother Tongue	Arabic			
Other Language	Understanding	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent	Excellent

- **Computer Skill:** Distance Education and E-Learning using Microsoft teams, Zoom, and Cisco Webex Meetings in addition to:

Matlab	SigmaPlot	Word	Excel	Power point	Outlook	Access

Experience:

Title	From	To	Notes
Military officer	1998	2015	A former officer in Jordanian Army Forces (JAF) at the air defense. (Retired in 2015 with rank Lieutenant Colonel)
Peacekeeping officer	2001	2001	Working with the United Nations mission (UNMEE) in Eritrea for 6 months.
Staff Officer, Economic Social Analyst	2012	2013	Working with the United Nations (UN) as a social-economic analyst in Haiti for 13 months.
The Hashemite Commission Director	2014	2015	Director of the Hashemite Commission for disabled soldiers (North Provinces) for 12 months.
Math teacher (SAT)	2018	2019	Math teacher in the Summit International Schools (SIA) in Jordan.
Math teacher (SAT)	2020	2021	Math teacher in Taqarob International Schools (TIS) in Jordan.

Awards:

Title	Date	Institution
Letter of Appreciation from UN U6 Chief	2013	United Nations Mission in Haiti (MINUSTAH) – U6 Chief
United Nations Medal	2013	United Nations Mission in Haiti (MINUSTAH)
Letter of Appreciation from UN Mission Force Commander	2013	United Nations Mission in Haiti - Force Commander
United Nations Medal	2002	United Nations Mission in Ethiopia and Eritrea (UNMEE)
Appreciation Certificate	2015	From the Arab Center for Heritage, Culture, and Arts
Letter of Appreciation about E-Learning and Distance Education	2020	Taqarob International Schools (TIS)