

Resume (CV)

Dr. Yousef Mohammad Iriqat د. يوسف محمد عريقات

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date: 3/8/2025

I am a dedicated academic in the field of Information Technology, with a strong commitment to excellence in teaching, research, and academic service. I earned my PhD from the International Islamic University Malaysia (IIUM) and hold an engineering degree from Loughborough University in the United Kingdom. My academic and professional development has been shaped by a global perspective and a passion for integrating innovative research into meaningful educational practices.

My areas of specialization include advanced data analytics, with a particular focus on statistical modelling, structural equation modelling (SEM), information security policies, and artificial neural networks. These competencies inform both my teaching philosophy and research activities, fostering a learning environment grounded in analytical rigor and real-world relevance.

My research agenda is centered on the development of conceptual frameworks and analytical models that bridge theoretical foundations with practical applications. I strive to contribute to the advancement of information systems, cybersecurity governance, and machine learning applications by producing high-impact research and fostering interdisciplinary collaboration.

Through my academic work, I aim to prepare students and fellow researchers to navigate and shape the evolving landscape of digital technologies with insight, integrity, and innovation.

Personal Information:

Name	Yousef Mohammad IRIQAT
Date of Birth	12 th Nov 1964
Address	Jericho- Palestine
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Educational Background:

July 2017- Dec 2020 PhD Information Technology, International Islamic University
Malaysia- Kuala Lumpur, MALAYSIA.

**THESIS TITLE: Information Security Policy Perceived
Compliance Model for Staff in Palestine Universities**

<http://dx.doi.org/10.13039/501100007297>

This research conducts rigorous empirical analysis, integrating insights from prominent Information Security theories, including General Deterrence Theory, Extrinsic Motivation, Protection Motivation Theory, and Information Reinforcement. Presenting an innovative theoretical model deeply rooted in the Palestinian context, the study not only addresses existing gaps in staff perception but also lays a robust foundation for shaping future policy discussions. Beyond theoretical contributions, the research emphasizes the transformative impact of security education and training awareness programs in fortifying compliance and fostering collaborative efforts to thwart security threats, whether intentional or unintentional. The devised model underwent a meticulous process, encompassing design, validation, testing, and confirmation, utilizing advanced methodologies such as Structural Equation Modelling and an Artificial Neural Network approach, thus elevating the study's rigour and impact.

Sep. 2004 – June 2007 MSc Electronic and Computer Engineering, Al-Quds
University, Palestine

In my Master's thesis, titled "**Modeling Technique Applied to Short Essay Auto-Grading Problem**," I explored the application of soft computing modelling techniques, specifically Adaptive Neuro-Fuzzy Inference System (ANFIS) and ANN Backpropagation and Subtractive Clustering. The primary objective was to develop an innovative and adaptive approach to effectively assess student knowledge in technology-related short answers, ultimately aiming to provide a reliable measure for essay grading. The results yielded promising outcomes, and the collaboration with esteemed institutions such as Educational Testing Services (ETS), USA, and IICM, Graz University, reflects the recognition and progress of this research at an international level. The study not only contributes to the field of educational assessment but also demonstrates the potential for cross-disciplinary collaboration and real-world applications in the context of Automated Essay Grading systems

Jan 93 –June 93 Extension studies courses (C Language for programmers,
Unix systems), UCSD, San Diego, USA

Oct 1985 –July 1988 BSc. Electronics, Computer and Systems Engineering, Loughborough University, U.K

Sept 1983 – July 1985 A-Levels (Pure Mathematics, Applied Maths and Physics) Loughborough College, U.K.

1983 High secondary school, tawjehii scientific stream 1983

Research Activities (Conference paper reviewer and Journals)

- Journal of Informatics and Web Engineering (open access), 2023-2025
- Cogent Engineering Journal, Volume 11, Issue 1 (2024), Tayler and Francis
- The 4th International Conference on Electrical, Computer, Communications and Mechatronics Engineering (2024)
- International Conference on Electrical and Computer Engineering Researches (2024)
- The 5th International Conference on Electrical, Computer and Energy Technologies(2025)
- International Conference on Artificial Intelligence, Computer, Data Sciences and Applications(2025)
- International Conference on Higher Education Learning and Teaching (ICHELT 2024)
- The 4th International Conference on Computer, Information Technology and Intelligent Computing (CITIC 2024) - *Artificial Intelligence & Machine Learning track*
- The 4th International Conference on Electrical, Computer and Energy Technologies **2024. Artificial Intelligence & Machine Learning track**
- Information and Communications Technology Conference, 2023-2024, QOU.
- **Member of Advisory Board:** Journal of Informatics and Web Engineering (2023-onward)

Certified Courses and Workshops

- ✦ Leadership for inclusion: thinking it through, The Open University (UK)- Open Learn 2025
- ✦ IBM SPSS, SmartPLS & IBM AMOS Certification
- ✦ Advanced Data Analysis using Excel and Power BI Certification, 2022-2024
- ✦ Business Data Analytics using Python, 2022-2023
- ✦ Mini MBA Program Certificate in Leadership Program - EILM, 2023
 1. Leadership and Organizations
 2. Innovation Strategy and Leadership
 3. Change Management
 4. Leadership and Teamwork
 5. Risk Management
 6. Strategy and Operations

- ✦ Program Certificate in Professional Career Skills - IBM Institute, 2023
 1. Time management
 2. Communication skills
 3. Problem-solving skills
 4. Leadership & Team Development
- ✦ Mini MBA Program Certificate in Project Management
- ✦ Mini MBA Program Certificate in Business Administration program
- ✦ Information Security Policies Leadership- 2023
- ✦ Internet Governance - MEAC-SIG 2022, Internet Society Foundation 27/10/2022
- ✦ *An Introduction to Information Security Management System (ISMS): The Requirement of ISO 27001:2013*, Cooperative of Digital Experts (Codex)- University Utara Malaysia- Dec 2020
- ✦ Seminar for Excellence Teaching (80Hr's), by Central European University coordinated by AmidEast – Palestinian Faculty Development Program, Part 1 held in Ramallah July 13-17, 2009 , Part 2 : Jericho Jan 17-21 ,2010.
- ✦ Higher Education at a Distance and by e-Learning certificate, QOU in cooperation with Manitoba University – Canada , July –Oct 2008 (*Blended Learning 60 class hours*)
- ✦ Trainer Certificate:- The skills of Using and Employing the Virtual Classes Technology in the Teaching and Learning Process. Nov 2008
- ✦ System Analysis and Design using Rational Rose UML , Nov 2009

Professional Experience :

Dec.2004 – current Member of the Academic Staff, Technology and Applied Science Dept., Al Quds Open University, Jericho educational region, Jericho, Palestine

Workshop Instructed : (2025) Effective Writing Sequence for Publishing in International Journals, June 2025. Faculty Development Workshop by Al Quds Open University
https://www.researchgate.net/publication/392722848_Effective_Writing_Sequence_for_Publishing_in_International_Journals

Courses Taught Include: Introduction to Business Intelligence Systems, Introduction to Computing, Python, Computer Application in Management, Computer Application in Finance and Banking, Systems Analysis and Design, Database Management, Operational Research, Applied Statistics, Data Processing, MIS, E-Business & Commerce, E-Business, Artificial Intelligence and expert systems, Information systems auditing and securities, etc., Also supervision of students' final year projects. Moreover, Designed and coordinated several Blended Learning courses

Jan 02 – Feb 06	Owner, Arikat for Computer and Internet Training Centre, Jericho
Feb 99 – Feb 02	Manager Computer System, A. Sbitany and Sons Ltd., Jerusalem

Feb 98 – Feb 99	Coordinator I.S. Unit, Palestinian Red Crescent HQ, Palestine
Oct 94 – Oct 97	System analyst and Head of shareholders Dept., Arab Investor's co. ltd. Palestine
Oct 88 – Sep 94	Working abroad, Kuwait, London and San Diego

Publication, Conferences And Research Activity

- 1- Investigating Benefits Realization of Information Security Policies for Palestine Higher Education: *An SEM – ANN Approach. International Conference on Studies in Engineering, Science, and Technology (ICSEST), Nov 2022. Dr. Yousef Iriqat – Al-Quds Open University- Palestine.*
(*published in International Journal on Engineering Science and Technology -2023*)

- 2- Information security policy perceived compliance among staff in Palestine universities: an empirical pilot study.
Iriqat, Y. M., Ahlan, A. R. and A. Molok, N. N. (2019) "Information Security Policy Perceived Compliance Among Staff in Palestine universities: An Empirical Pilot study," *2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)*, Amman, Jordan, 2019, pp. 580-585. doi: 10.1109/JEEIT.2019.8717438

- 3- Exploring staff perception of infoSec policy compliance: *Palestine universities empirical study.*
Iriqat, Y. M., Ahlan, A. R., A. Molok, N. N. and Abd. Rahim N. H. (2019) " Exploring Staff Perception of InfoSec Policy Compliance: *Palestine Universities Empirical Study*," *2019 First International Conference of Intelligent Computing and Engineering (ICOICE)*, Hadhramout University, Yemen, 978-1-7281-4487©2019 IEEE

- 4- "[Internet Governance and the Middle East](#)" lab.Ripe.net , Mar 30 2015
- 5- "AEG using Modeling techniques", 1st Networking Event, Med Dialogue (H2020) , Amman 12th Oct 2014 -14th Oct 2014.

- 6- Presented in a seminar entitled "Management of scientific research and development mechanisms" at QOU Ramallah, "Special Interest Groups" , Nov 25th ,2013
 - ✦ Published in IEEE Xplore April 2013 , Paper title "*Subtractive Neuro Fuzzy Modeling Techniques applied to Short Essay Auto Grading problem*", *Yousef Arikat, QOU, Palestine*
 - Challenges of TVET in Arab countries Conference Innovation through e learning, 12-13 Oct 2009 , Amman Jordan, " Quality Assurance and Quality Management through e-learning", (2009).

- 2nd Palestinian International Conference on Computer and Information Technology. (2007), “Applying Fuzzy based techniques to short Essay Autograding problem” , Proceedings of the 2nd Palestinian International Conference on Computer and Information Technology, Sept 1-3, 2007, Hebron – Palestine.
- Abstract: ENHANCING AUTOMATED ESSAY GRADING WITH DEEP NEURAL NETWORKS, (International Conference on Academic Studies in Science, Engineering, and Technology (ICASET 2024)
- Abstract: Exploring the Role of AI in Personalized Learning: SEM-ANN Research, international Conference on Research in Education and Science (ICRES 2025)