

2016-2021 AACSB CV
Eng. Ghayda Alhyasat
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RESEARCH PROFILE

Profile	Link	No. of Citations	h-index
Google Scholar	https://scholar.google.com/citations?hl=ar&user=_kS2WQgAAAAJ		
Scopus ID	_kS2WQgAAAAJ		

EDUCATION

Year	Degree	Major	Institution
2023	M.Sc.	Data Science	Princess Sumaya University for Technology
2020	B.Sc.	Computer Systems Engineering	Al Balqa' Applied University

ACADEMIC POSITIONS

Year	Academic Title	Institution
2024, Feb - present	Instructor – Business Information Technology Department	PSUT
2023, Feb – 2024, Jan	Instructor – Data Science Department	University of Petra
2020, Oct – 2023, May	Teaching Assistance – Data Science Department	PSUT

ADMINISTRATIVE POSITIONS

Year	Title	Institution

PROFESSIONAL CERTIFICATIONS & MEMBERSHIPS

Year	Certification	Institution

BOOKS/BOOK CHAPTERS – 5 Years

Year	Book/Chapters	Indexing
2024	Al-Fuqaha'a, S., Abu-Soud, M., Al-Hyasat, G., & Alhijawi, B. (2025). Leveraging artificial intelligence and data science for addressing climate change (SDG 13). In Al-Naemi et al. (Eds.), <i>Innovation and Technological Advances for Sustainability</i> (pp. 332–340). CRC Press. https://doi.org/10.1201/9781003496724-32	Scopus

JOURNAL PUBLICATIONS – 5 Years

Year	Journal Publications	Article Classification (Basic, Applied, Teaching)	Indexing	Quartile

PROCEEDINGS/PRESENTATIONS – 5 Years

Year	Presentations	Article Classification (Basic, Applied, Teaching)	Indexing
2025	G. Alhyasat and B. Alhijawi, "Experimental Evaluation of Resampling Techniques for Imbalanced Stroke Data," 2025 International Conference on New Trends in Computing Sciences (ICTCS), Amman, Jordan, 2025, pp. 233-238, doi: 10.1109/ICTCS65341.2025.10989344.	Applied	Scopus
2025	G. Al-Hyasat, M. Arafah, L. Karadsheh and A. Aladawi, "Enhanced Stroke Prediction Through Autoencoder-Based Feature Compression and Ensemble Classification," 2025 1st International Conference on Computational Intelligence Approaches and Applications (ICCIAA), Amman, Jordan, 2025, pp. 1-6, doi: 10.1109/ICCIAA65327.2025.11013567.	Applied	Scopus
2025	M. Arafah, A. Adnane, W. Hadi, G. Al-Hyasat and M. Al-Hababbeh, "Advancing IoV Security Through Machine Learning: Design and Evaluation of the CICIoV2024 Benchmark Dataset," 2025 1st International Conference on Computational Intelligence Approaches and Applications (ICCIAA), Amman, Jordan, 2025, pp. 1-6, doi: 10.1109/ICCIAA65327.2025.11013584.	Applied	Scopus

RESEARCH WORK IN PROGRESS

Year	Work in Progress / Title	Status (Submitted, Accepted)
2024	An Approach to Improve the KNN Algorithm Performance in Predicting Ordinal Variables.	Submitted

RESEARCH FUNDS/PROJECTS

Year	Project Name	Duration	Sponsor

IMPACT OF SCHOLARSHIP

Year	No. of Reviewed Articles
2024	6

RESEARCH/EDITORIAL MEMBERSHIPS

Year	Journal/Conference	Role (<i>editor, associate editor, editorial advisory board member, reviewer</i>)
2024	International Conference on Computational Intelligence Approaches and Applications 2025	Reviewer
2025	International Conference on New Trends In Computing Sciences (ICTCS)	Reviewer

GRADUATE RESEARCH SUPERVISION

Year	Thesis title	Role (<i>Supervisor / Co-supervisor/Examiner</i>)	Degree (<i>PhD, MSc</i>)	Institution

GOVERNANCE/COMMITTEES

Year	Name of Committee /Institution	Role
2024/2025	BIT Competitions Committee / PSUT	A committee member
2024/2025	Competency exam committee / PSUT	A committee member
2024/2025	BIT Day committee / PSUT	A committee member
2023/2024	Quality Assurance / University of Petra	A committee member
2023/2024	Competency exam committee / University of Petra	A committee member
2023/2024	Library Committee / University of Petra	A committee member

COMMUNITY SSERVICE AND SOCIAL RESPONSIBILITY

Year	Society/Association/ Institution	Role