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Education	Degree	Discipline	Institution	Year
	M.Sc.	Computer Sciences	University of technology	2018
	B.Sc.	Computer Sciences	University of technology	2008
Academic experience				
Institution	Rank	Title	When	Full time or Part time
Department of computer sciences	Assistant lecturer	Instructor	2018- till now	FT
Department of computer sciences	Researcher	Instructor	2016-2018	FT
Department of computer sciences	Assistant researcher	Instructor	2012-2015	FT
Department of Production engineering and Metallurgy	Assistant researcher	Instructor	2011	FT



Non-academic experience				
Company or entity	Title	Brief description of position	When	Full time or Part time
Ministry of planning	Assistant programmer	Programming statistical analysis systems	2010-2011	FT
Certifications or professional registrations				
<ul style="list-style-type: none"> - English language certification from Iraqi American chamber of commerce and Industry. - Oracle 10g certification from Al-Qudes School /Ministry of planning. - Oracle 10g certification from Iraqi commission for computers and informatics. 				
Current membership in professional organizations				
- None.				
Honors and awards				
<ul style="list-style-type: none"> - (8) Acknowledgment Letter from the Minister of higher education ministry. - (15) Acknowledgment Letters from the University of technology President. - (4) Acknowledgment Letters from the Dean of Production engineering and Metallurgy Department. - (20) Acknowledgment Letters from the Dean of computer science Department. 				
Service activities (within and outside of the institution)				
<ol style="list-style-type: none"> 1- Member of number of committees at Department of Production engineering and Metallurgy. 2- Member of number of committees at Department of computer sciences. 				



The publications

1- “ Comparative Performance Study on Principal Component Analysis Based Mathematical Operations and Distance Measurements “, Isra’a Abdul-Ameer Abdul-Jabbar, Zainab Ali Yakoob

(IJCSIS) International Journal of Computer Science and Information Security, , ISSN 1947-5500, Vol. 15, No. 4, April 2017, pp. 229-234.

2-“ Hybrid technique to improve face recognition using Principal Component Analysis and singular value decomposition ”, Isra’a Abdul-Ameer Abdul-Jabbar, Zainab Ali Yakoob , Al-Mansour Journal,2017.

3-“ Hybrid techniques to improve face recognition based on features extraction methods and Haar discrete wavelet transformation ”, Isra’a Abdul-Ameer Abdul-Jabbar, Zainab Ali Yakoob , Journal of AL-Qadisiyah for computer science and mathematics, Vol.10 No.2 , Year 2018, ISSN:2074-0204 ,pp.36-46.

4-“Hybrid color image compression based on FMM and Huffman encoding techniques”, Zaid Rajih Mohammed; Zainab Ali Yakoob; Mohammed Rajih, AIP Conf. Proc. 3009, 020015 (14 February 2024) <https://doi.org/10.1063/5.0190562>.

5-“Vehicle Logo Recognition Using Proposed Illumination Compensation and Six Local Moments”, Nada Najeel, Kamal , Loay Edwar George, Zainab A.Yakoob, 7th National Conference on New Trends in Information and Communications Technology Applications, vol.2096, PP. 164-178, 2024. **DOI:** 10.1007/978-3-031-62814-6_12

Briefly list the most recent professional development activities

- Laboratory supervisor.
- Committee member of archiving Books at library of computer science department.
- Member of the Examinations committee till September 2018.
- Member of the plagiarism committee since 2020 till now.
- Member of the Computer Science website update committee since 2021 till now.
- Member of the examinations committee of the Computer Security Branch since 2020 till 2022.
- Coordinator of the examinations committee of the Information Systems Branch since 2022 till now.