



سبتمبر للعلوم الطبية والتطبيقية 21 جامعة

21 September UMAS

السيرة الذاتية للدكتور عمر عبدالله مرشد النجار

البيانات باللغة الإنجليزية		البيانات باللغة العربية	
Personal Information	Name: OMAR ABDULLAH MURSHED ALNAGGAR Academic Degree: Ph.D Specialty: Image Processing and Machine Learning Faculty: Medical Technology Department: Biomedical Engineering E-mail: alnaggar1994@gmail.com	الاسم: عمر عبدالله مرشد النجار الدرجة العلمية: دكتوراه التخصص الدقيق: معالجة الصور و علم الاله الكلية: تكنولوجيا طبيه القسم العلمي: هندسة طبيه الايمل: alnaggar1994@gmail.com alnaggar1994@21umas.edu.ye	المعلومات الشخصية
Academic & Research websites	<ul style="list-style-type: none">- Google Scholar: https://scholar.google.co.in/citations?user=rnd1D4sAAAAJ&hl=en&authuser=2- Research Gate: https://www.researchgate.net/?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6ImxvZ2luIiwicGFnZSI6ImxvZ2luIn19- ORCID: 0000-0001-5770-594X- AD Scientific Index:- WOS: LJL-6364-2024- Scopus: 57471633400	<ul style="list-style-type: none">- Google Scholar: https://scholar.google.co.in/citations?user=rnd1D4sAAAAJ&hl=en&authuser=2- Research Gate: https://www.researchgate.net/?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6ImxvZ2luIiwicGFnZSI6ImxvZ2luIn19- ORCID: 0000-0001-5770-594X- AD Scientific Index:- WOS: LJL-6364-2024- Scopus: 57471633400	المواقع الاكاديمية والبحثية
Education	<ol style="list-style-type: none">1. Ph.D. in Electronics2. Master Science in Electronics and Communication Systems (M.Sc. ECS)	<ol style="list-style-type: none">١. دكتوراه في الالكترونيات٢. ماجستير في نظم الالكترونيات والاتصالات	التعليم



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	3. Bachelor Science in Information Technology (B.Sc. IT) 4. Diploma in Business Communication	3. بكالوريوس في تقنية المعلومات 4. دبلوم في التواصل التجاري	
Personal Skills	Self-learning, self-disciplined and accountable. Analytical thinking and Problem-solving. Effective presentation and public speaking. Leadership, social interaction skills. Ability to manage time, priorities and work stress.	التعلم الذاتي والانضباط الذاتي والمساءلة. التفكير التحليلي وحل المشكلات. العرض والتحدث أمام الجمهور بشكل فعال. مهارات القيادة والتفاعل الاجتماعي. القدرة على إدارة الوقت والأولويات وضغوط العمل.	المهارات الشخصية
Professional Experiences:	More than one year of experience in teaching, training and project supervision in various colleges, Sana'a, Yemen. <ul style="list-style-type: none">• November 2024 until Now – 21 September University.• November 2024 until Now - Emirates International University.• November 2024 to October 2025 - AL-Saeeda University.• November 2024 to June 2025 - University of Science & Technology.• July 2025 until Now – Saba University.• August 2025 to December 2025 – International University of Technology Twintech		الخبرات المهنية والاكاديمية
Projects	1. IoT Based Home Monitor and Control System. 2. Pharmacy Management System.	1. نظام مراقبة وتحكم منزلي قائم على إنترنت الأشياء. 2. نظام إدارة الصيدليات.	المشاريع المنجزة
Professional Affiliations			الانتماءات المهنية
Training Courses	1. Course in “Theoretical and Practical Aspects of the Industrial Internet of Things” (2018) 2. Course in Cisco Certified Network Associate (X) --- R & S (2016) 3. Course in Core Java (2016) 4. Online Five Courses in IT Support (2020) 5. Online Course in Machine Learning for Business Professionals (2020)		الدورات التدريبية



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	<ol style="list-style-type: none">6. Online Course in Industrial IoT on Google Cloud Platform (2020)7. Online Course in Building Your Leadership Skills (2020)8. Online Course in Managing Big Data with MySQL (2020)9. Online Course in How to Write and Publish a Scientific Paper (2020)10. Online Course in Computer Vision (2020)11. Online Course in AI For Everyone (2020)	
Scientific Activities and Conferences	<ol style="list-style-type: none">1. Participated in International Conference on "innovative Trends in Electronics and Communication(ICINEC-2019)"2. Participated in Two Days National E-Conference on "In Multidisciplinary Science Education and Research using E-tool(MSERE-2020)"3. Workshop on "Research Methodology" (2019)4. Seminar on "Toolkit to Accelerate Research" (2019)5. Workshop on "Automation using PLC and SCADA" (2017)	الانشطة ومؤتمرات العلمية
Publications	<ol style="list-style-type: none">1. "Efficient artificial intelligence approaches for medical image processing in healthcare: comprehensive review, taxonomy, and analysis." Artificial Intelligence Review 57, no. 8 (2024): 221.2. "Lung Tumor Classification using Hybrid Deep Learning and Segmentation by Fuzzy C Means." Indian Journal of Science and Technology 17, no. 1 (2024): 70-79.3. "Human Epithelial Cell Image Analysis and Segmentation using Threshold Based Fusion Technique." Biomedical & Pharmacology Journal 17, no. 1 (2024): 443-452.4. "Review on Brain Tumor Segmentation and Classification using Artificial Intelligence." In 2023 IEEE International Conference on Contemporary Computing and Communications (InC4), vol. 1, pp. 1-6. IEEE, 2023.5. "Multi-objective container scheduling and multi-path routing for elastic business process management in autonomic multi-tenant cloud." Concurrency and Computation: Practice and Experience 35, no. 6 (2023): 1-1.6. "Automated Identification and Localization of Brain Tumor in MRI Using U-Net Segmentation and CNN-LSTM Classification." International Journal on Recent and Innovation Trends in Computing and Communication 11, no. 10 (2022): 637-644.7. "Brain tumor detection from 3D MRI using hyper-layer convolutional neural networks and hyper-heuristic extreme learning machine." Concurrency and Computation: Practice and	الأبحاث المنشورة



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	<p>Experience 34, no. 24 (2022): e7215.</p> <p>8. "Bio-Medical Image Segmentation using Wavelet Based Fusion Technique." Biomedical and Pharmacology Journal 15, no. 2 (2022): 767-773.</p> <p>9. "MRI brain tumor detection using boosted crossbred random forests and chimp optimization algorithm based convolutional neural networks." Int J Intell Eng Syst 15, no. 2 (2022): 36-46.</p> <p>10. "A Novel Image Denoising and Segmentation Using Machine Learning with SRM Strategy." Indian Journal of Science and Technology 15, no. 17 (2022): 778-789.</p>	
Scientific Conferences	<p>"Review on Brain Tumor Segmentation and Classification using Artificial Intelligence." In 2023 IEEE International Conference on Contemporary Computing and Communications (InC4), vol. 1, pp. 1-6. IEEE, 2023.</p>	المؤتمرات العلمية