

Curriculum Vitae

Nadia Mahmood hussien

نادية محمود حسين

Mustansiriyah University – College of Science

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EDUCATION:

- M.Sc. #1: Computer science, Mustansiriyah University – College of Science, Baghdad, Iraq, 2017 □
- B.Sc. #2: Computer science, Mustansiriyah University – College of Science, Baghdad, Iraq, 2010

ACADEMIC /TEACHING EXPERIENCE:

- #1: Lecturer in College of Science / Computer science Depart
Since 2018 Until now
- #2: lecturing Practical for some subjects for (class 1, class 2, and class 3)

COURSES TAUGHT:

Undergraduate
1. programming fundamentals lab/ class1
2. Object oriented programming / Practical / class 2
3. Object oriented Software Engineering/Practical / class 3
4. algorithms design / Practical / class 2

PROFESSIONAL AFFILIATIONS:

Professional affiliations:

Chairman of many committees, and member of many local and international committees since 2012.

PUBLICATIONS:

TITLE	YEAR
A cloud-based school locator system AIP Conference Proceedings 2591 (1)	2023
A Comparative Analysis of Python Code-Line Bug-Finding Methods	2023
A Deep Learning-Based Technique For Measuring The Success Of Orthodontic Treatment Journal of Advance Research in Computer Science & Engineering 9 (1), 1-4	2023
A high-quality designed lifestyle website Telematique, 2737-2745	2022
A knowledge based System for diagnosis of Varicella (Chickenpox) and Measles diseases in children at kindergarten age based on IOT Turkish Journal of Computer and Mathematics Education (TURCOMAT) 12 (8), 70-76	2021
A Novel Approach to Arabic Chabot, Utilizing Google Colab and the Internet of Things: A Case Study at a Computer Center Webolog 18 (2), 946-954	2021
A proposed software for controlling operating system-dependent functionality Bulletin of Electrical Engineering and Informatics 12 (1), 532-538	2023
A Pyarabic Python Library To Create Arabic Applications Webology 19 (5), 287-291	2022
A review of machine learning for big data analysis International Journal Papier Advance and Scientific Review 3 (2), 1-4	2022
A Review of the Implementation of NumPy and SciPy Packages in Science and Math Turkish Journal of Computer and Mathematics Education (TURCOMAT) 13 (3), 663-667	2022
A Safe Distance Monitoring System with an Ultrasonic Range Detector Sensor 2022 8th International Conference on Contemporary Information Technology and ...	2022
A smart gas leakage monitoring system for use in hospitals Indonesian Journal of Electrical Engineering and Computer Science 19 (2 ...	2020
A survey of the most recent Python packages for use in biology NeuroQuantology 21 (2)	2023
A Web Scraping of Chemical Compounds with an Anti-Drug Feature Using IoT Journal La Multiapp 3 (3), 113-117	2022
An Efficient Method for IoT Cross-Platform Backup Software 2022 3rd Information Technology To Enhance e-learning and Other Application ...	2022
An internet of things-based medication validity monitoring system Indonesian Journal of Electrical Engineering and Computer Science 26 (2 ...	2022
An IoT-based knowledge base system for the early detection of Autism diesis. The 2nd Specialized Scientific International Conference on Autism 188 2 ...	2022
An Overview of Fraud Applications and Software on Social Media NM Hussien, YM Mohialden	2023
Handbook of Research on Advanced Practical Approaches to Deepfake Detection ...	
Cloud-based digital watermarking model for medical image integrity	2023
COVID-19 knowledge-based system for diagnosis in Iraq using IoT environment Indonesian Journal of Electrical Engineering and Computer Science 21 (1 ...	2021
Design and Implementation of an Internet of Things-based Environmental Monitoring System 11 11 (5s), 261 – 265	2023

Development Resource Utilization Software With Edge Ai And Guessing Entropy European Journal of Interdisciplinary Research and Development 19	2023
Efficient method for breast cancer classification based on ensemble hoeffding tree and naïve Bayes Indonesian Journal of Electrical Engineering and Computer Science	2020
Enhancement of ChatGPT using API Wrappers Techniques Al-Mustansiriah Journal of Science (MJS) 34 (2), 82-86	2023
Ethics of Information Technology and Computer Science: a short introduction to computer ethics Kindle Edition(book)	2023
Green Software Engineering: Cloud-based Face Detection and Static Code Analysis International Journal of Information Technology & Computer Engineering ...	2023
Improvements in Cybersecurity: Coupling Python for Digital Forensics Preprints	2023
Intelligent Educational Software for Chemical Reaction Balance Problems system 5, 6	
Intelligent Motion Blur System For Soccer Players European Journal of Interdisciplinary Research and Development 19, 30-37	2023
IOT-Based Document Tracking Software Development Process Proceedings of the Iraqi Academics Syndicate 3rd International Conference on Arts and Humanities Sciences Iraqi Academic Syndicate, Baghdad- Iraq 10-10 March . Paper No. 73 Conference Hosted By: SSRN Proceedings, Powered By Elsevier	2023
Python TCP/IP libraries: A Review International Journal Papier Advance and Scientific Review 4 (No. 2), 10-15	2023
Python-based software for solving clever PDEs Turkish Journal of Computer and Mathematics Education (TURCOMAT) 13 (3), 1-6	2022
Real time image processing monitoring system based IoT AIP Conference Proceedings 2771 (1)	2023
Recent hybrid machine learning algorithm applications: a review Journal of Information Technology and Informatics (JITI) 2 (1), 1-4	2022
RESTful API Design for a Real-Time Weather Reporting System The International Conference on Intelligent Systems & Networks, 557-565	2021
Review of an Accurate System Utilizing GPS Technology JOURNAL LA MULTIAPP 3 (6), 265-269	2022
Review Of FKP Biometric Systems. Webology 19 (6)	2022
Review of Software Testing Methods Journal La Multiapp 3 (3), 104-112	2022
Reviewing Organized Cybercrime: A Global Perspective on Cyber Security	2023
Software for teaching sign language based on image processing and machine learning مجلة كلية المصطفى الجامعة - وقائع المؤتمر العلمي الدولي المدمج -2022	2022
Solving handwritten equations using convolutional neural network AIP Conference Proceedings 2771 (1)	2023
The software requirements process for designing a microcontroller-based voice-controlled system The Bulletin of Electrical Engineering and Informatics (BEEI) 12 (1), 539-543	2023
Natural language processing: A review Gangal, A., Shrivastava, A., Hussien, N.M., ...Bisht, S., Joshi, N.C. AIP Conference ProceedingsThis link is disabled., 2023, 2771(1), 020010	2023
Trends in Cybersecurity and AI: A Survey مجلة المصطفى الجامعة	2023
Use of a Gradient Boosting Algorithm to Accurately Predict Solutions to Complex Equations	2023

Human pose segmentation MADS Kothari, A., Vashishtha, P., Hussien, N.M., ...Joshi, K., Kimothi, S. AIP Conference ProceedingsThis link is disabled., 2023, 2771(1), 020011Human pose segmentation MADS Kothari, A., Vashishtha, P., Hussien, N.M., ...Joshi, K., Kimothi, S. AIP Conference ProceedingsThis link is disabled., 2023, 2771(1), 020011	2023
دار الذاكرة للتوزيع والنشر أخلاقيات تكنولوجيا المعلومات والحاسوب معجم مصطلحات الأمن السيبراني - دار الذاكرة للتوزيع والنشر مفاهيم الذكاء الاصطناعي لغير المتخصصين- دار الذاكرة للتوزيع والنشر	2023

Authored Books:

1. Handbook of Research on Advanced Practical Approaches to Deepfake Detection and Applications, published by IGI Global in 2023 (indexed in Clarivate).
2. Computer Ethics and Information Technology, published by Dar Al-Thakira for publishing and distribution and classified within the Iraqi Books and Documents House in 2023

3. أخلاقيات تكنولوجيا المعلومات والحاسوب دار الذاكرة للتوزيع والنشر 2023

4. معجم مصطلحات الأمن السيبراني - دار الذاكرة للتوزيع والنشر 2023

مفاهيم الذكاء الاصطناعي لغير المتخصصين- دار الذاكرة للتوزيع والنشر 2023

Conferences:

participation in more than 20 local and international conferences as a researcher.

member of the preparatory and reception committees for some conferences organized by the College of Science/ Computer science Depart .

Web sits:

e- learning : <https://uomustansiriyah.edu.iq/e-learn/profile.php?id=6270>

Scopus : <https://www.scopus.com/authid/detail.uri?authorId=57217310065>

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