

Date: 12/04/2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Amer Tahseen Abu Jassar
Academic Rank: Associate professor
College: Information Technology
Department: Computer Science
Nationality: Jordanian
Address: Jordan - Amman
Phone No: +962788633640
E-mail: a.abujassar@aaau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date
B.S. in program, university, year. Computer Science. Kharkov National University of Radio Electronic, 2003.
M.Sc. in program, university, year. Computer Science. Kharkov National University of Radio Electronic, 2004.
Project / theses title: Model Character Recognition System.
Ph.D. in program, university, year. Computer Science, V.N Karazin Kharkov National University, 2011
Dissertation title: Models and Methods Analysis of Service-Oriented Information and Computing Systems.

ACADEMIC EXPERIENCE

- Duration: [04/ March/ 2014]— [03/ August/ 2018]
- University: Irbid National University.
- Academic Rank: Assistant professor.
- Date the rank was granted: 2014.
- The body granting the rank: Irbid National University.
- College: Information Technology.
- Country: Jordan.
- Duration: [04 / August/ 2018]- [31 / August/ 2018]
- University: Irbid National University.
- Academic Rank: Associate professor
- Date the rank was granted: 2018.
- The body granting the rank: Irbid National University.

دائرة الموارد البشرية
Human Resources Department

- College: Information Technology.
- Country: Jordan.
- Duration: [01 / October/ 2019 - [30\Sep\2024]
- University: Ajlun National University.
- Academic Rank: Associate professor
- Date the rank was granted:2018.
- The body granting the rank: Irbid National University.
- College: Information Technology.
- Country: Jordan.
- Duration: [02/ October/ 2024 - [Till now]
- University: Amman Arab University.
- Academic Rank: Associate professor
- Date the rank was granted:2018.
- The body granting the rank: Irbid National University.
- College: Information Technology.
- Country: Jordan.
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NON-ACADEMIC EXPERIENCE

- Duration:
- Institution:
- Department:
- Country:

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- None

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- None

HONORS AND AWARDS

- None

SERVICE ACTIVITIES

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THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Amer Tahseen Abu-Jassar¹, Yasser Mohammad Al-Sharo², Vyacheslav Lyashenko³, Svitlana Sotnik⁴ // Some Features of Classifiers Implementation for Object Recognition in Specialized Computer systems // TEM Journal //Volume 10, Issue 4, 2021 - ISSN 2217-8309- Pages No. 1645-1654 ,(Scopus, WoS – Q3).

2. Hani Attar,1 Amer Tahseen Abu-Jassar,2 Vladyslav Yevsieiev,3 Vyacheslav Lyashenko,4 Igor Nevliudov,3 and Ashish Kr. Luhach // Zoomorphic Mobile Robot Development for Vertical Movement Based on the Geometrical Family Caterpillar // Computational Intelligence and Neuroscience // Volume 2022 , Article ID 3046116 , <https://doi.org/10.1155/2022/3046116> - 2022 (Scopus Q1 & ISI)
3. Amer Tahseen Abu-Jassar,1 Hani Attar,2 Vladyslav Yevsieiev,3 Ayman Amer,2 Nataliia Demska,3 Ashish Kr. Luhach,4 and Vyacheslav Lyashenko5 // Electronic User Authentication Key for Access to HMI/SCADA via Unsecured Internet Networks // Computational Intelligence and Neuroscience // Volume 2022, Article ID 5866922, 13 pages <https://doi.org/10.1155/2022/5866922> - 2022 (Scopus Q1 & ISI).
4. Hani Attar 1, Amer Tahseen Abu-Jassar 2, Ayman Amer 3, Vyacheslav Lyashenko4, Vladyslave Yevsieiev5, and Mohammad R. Khosravi6// Control System Development and Implementation of a CNC Laser Engraver for Environmental Use with Remote Imaging // Computational Intelligence and Neuroscience // Volume 2022, Article ID 9140156, 16 pages, <https://doi.org/10.1155/2022/9140156/> 2022 (Scopus Q1 & ISI)
5. Amer Tahseen Abu-Jassar1 // USING 3D MODELING SYSTEMS TO CREATE A SMALL PORTABLE MILLING MACHINE CONTROLLED BY AN INDUSTRIAL CLOUD // Journal of Theoretical and Applied Information Technology // Volume 101. No 8 //2023 // (Scopus Q4).
6. Hani Attar1, Amer Tahseen Abu-Jassar2, Vyacheslav Lyashenko3, Ahmad Al-qerem4, Svitlana Sotnik5, Naif Alharbi6 & Ahmed A. A. Solyman7 // Proposed synchronous electric motor simulation with built-in permanent magnets for robotic systems // SN Applied Sciences (Springer Nature) // Vol: 5, Article number: 160 (16/May/2023) // (Scopus Q1, Springer)
7. Amer Tahseen Abu-Jassar1 // FORMING COMMANDS FOR VOICE CONTROL IN KALDI ENVIRONMENT BASED ON JSPEECH GRAMMAR FORMAT TECHNOLOGY// Journal of Theoretical and Applied Information Technology // Volume 101. No 13 //2023 // (Scopus Q4).
8. Yasser Mohammad Al-Sharo1, Amer Tahseen Abu-Jassar2, Svitlana Sotnik3, Vyacheslav Lyashenko4// Generalized Procedure for Determining the Collision-Free

Trajectory for a Robotic Arm// Tikrit Journal of Engineering Sciences// Vol 30. No 2// July 30, 2023// (Scopus Q3).

9. Amer Tahseen Abu-Jassar¹, Hani Attar², Vyacheslav Lyashenko³, Ayman Amer⁴, Svitlana Sotnik⁵, Ahmed Solyman⁶ // Access Control to Robotic Systems Based on Biometric: The Generalized Model and its Practical Implementation // International Journal of Intelligent Engineering and Systems // Volume 16. Issue 5 // 2023 // (Scopus Q2).
10. Amer Abu-Jassar¹, Yasser Al-Sharo², Sardor Boboyorov³, Vyacheslav Lyashenko⁴ // Contrast as a Method of Image Processing in Increasing Diagnostic Efficiency When Studying Liver Fatty Tissue Levels/ // 2nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI) 2023 // SCOPUS & IEEE Publications.
11. Yasser Al-Sharo¹, Amer Abu-Jassar², Oleg Vasiurenko³, Vyacheslav Lyashenko⁴// Comparative Analysis of Data Dynamics Based on Wavelet Coherence Using Higher-Order Moments // 2nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI) 2023 // SCOPUS & IEEE Publications.
12. Amer Tahseen Abu-Jassar, Hani Attar, Ayman Amer, Vyacheslav Lyashenko, Vladyslav Yevsieiev, Ahmed Solyman // Development and Investigation of Vision System for a Small-Sized Mobile Humanoid Robot in a Smart Environment // International Journal of Crowd Science // Volume 8. Issue 1 // (Scopus Q2 And IEEE Xplore)

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Qualifications Settlement

RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/authid/detail.uri?authorId=58524105000>
- https://scholar.google.com/citations?hl=en&user=MIBd-K4AAAAJ&view_op=list_works&sortby=pubdate

LANGUAGES

- English
- Russian
- Ukrainian