

Date: 4/11/2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Dr. Hossam Almahasneh
Academic Rank: Assistant Professor
College: Information Technology
Department: Data Science and Artificial Intelligence
Nationality: Jordanian
Address: Amman
Phone No: 0799518537
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ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Software Engineering, Philadelphia University, 2006.
- M.Sc. in Information Technology, university Utara Malaysia, 2010.

Project / theses title: Comparison between the Bees Algorithm and Genetic Algorithm model in manpower allocation on cell loading problem

- Ph.D. in Electronic Engineering/ Cognitive NeuroScience/ AI, Universiti Teknologi PETRONAS, 2017.

Dissertation title: Quantitative Assessment of Driver Cognitive Distraction Using EEG Signals

ACADEMIC EXPERIENCE

- Period: 2023-2025
- University: Zarqa University
- Academic Rank: Assistant Prof.
- Date the rank was granted: 26/03/2023
- The body granting the rank: Zarqa University
- College: Information Technology
- Country: Jordan
- Period: 2025-present
- University: Amman Arab University
- Academic Rank: Assistant Prof.

دائرة الموارد البشرية
Human Resources Department

- Date the rank was granted:
- The body granting the rank:
- College: Information Technology
- Country: Jordan

* Fields can be added if needed.

Non-Academic Experience

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- Period: 2024-2025
- Institution: Zarqa University
- Department: Center for Innovation and Entrepreneurship
- Country: Jordan
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- Period: 2021-present
- Institution: IEE-AI
- Department: CEO
- Country: Jordan

* Fields can be added if needed.

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- 2018 Professional Project Management (PMP)- (3Fold – PMI)
- 2018 ITIL
- 2018 Programming Chatbots with Watson Services- (IBM-EDX)
- 2018 Introduction to AI for Business
- 2018 Artificial Intelligence A-Z™: Learn How to Build An AI
- 2017 Data Science A-Z™: Real-Life Data Science
- 2016 Functional Near Infrared Spectroscopy- (HITACHI)
- 2015 Quantitative Electroencephalogram (EEG) Analysis: Methods and Clinical Applications- (Universiti Teknologi Malaysia)
- 2013 Neuroinformatics- (Cuban Neurosciences Center (CNEURO))
- 2013 Brain and Nervous System Anatomy- (University Science Malaysia Hospital (HUSM))
- 2013 Biostatistics and statistical analysis- (Universiti Teknologi PETRONAS)
- 2012 Pattern Recognition and classification: Methods and Applications- (Universiti Teknologi PETRONAS)

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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HONORS AND AWARDS

- None

SERVICE ACTIVITIES

- Innovation in the Public Sector - Jordan Co-operative Corporation - Jordan
- 2025 Social Entrepreneurship – Ministry of Youth - Jordan
- 2025 Innovation and Entrepreneurship – Zarqa University – Jordan
- 2025 Youth and Entrepreneurship – Zarqa University – Jordan
- 2025 Artificial Intelligence Readiness for Public Sector - Institute of Public Administration –Jordan
- 2025 Innovation in the Public Sector - Institute of Public Administration –Jordan
- 2024 Citizen Centric for Public Services - Institute of Public Administration –Jordan
- 2024 Digital Transformation in the Education - Ministry of Education – Libya
- 2024 Artificial Intelligence Ethics - KSA

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. 2024 Algorithms for Computing M-Plithogenic Eigen Values and Vectors for Some Special Values of M, International Journal of Neutrosophic Science (IJNS)
2. 2022 Frontal Lobe real-time EEG Analysis using machine learning techniques for mental stress detection, The Journal of Integrative Neuroscience
3. 2020 Selecting maintenance practices based on environmental criteria: a comparative analysis of theory and practice in the public transport sector in UAE/DUBAI, The International Journal of System Assurance Engineering and Management
4. 2014 Oriented Energy in r-Principal Subspace for the Assessment of Driver Cognitive State, Biomedical Signal Processing and Control
5. 2014 Deep in thought while driving: An EEG study on drivers' cognitive distraction Transportation Research Part F: Psychology and Behaviour

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Led AI-driven research initiatives integrating ML into education, HR evaluation and economic impact analysis.
- Developed an AI consultancy and research network, facilitating interdisciplinary research in AI applications.

RESEARCH LINK (Scopus and Google Scholar)

- Google scholar: <https://scholar.google.com/citations?user=dmpmpwgMAAAAJ&hl=en>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56333531100>
- Orcid: <https://orcid.org/0009-0001-1053-073X>

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- Research gate:
https://www.researchgate.net/profile/HossamAlmahasneh?ev=hdr_xprf

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LANGUAGES

- Arabic
- English