# Assist. Professor Dr. Mustafa Abdel-Karim

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## Objective

Highly skilled computer science professional with a recent PhD in Computer Science, specializing in Artificial Intelligence. Seeking a Trainer position where I can share my knowledge with passion to enlighten the trainees to excel is computer science field with innovation technologies.

## Industrial Experience

- **2009 – 2011**   Worked as trainer for computer courses and computer maintenance (hardware & software) in Hassoneh company, Irbid-Jordan.

## Teaching Experience

- **2024 - Present**   Currently Working as Assistant Professor in Department of Robotics and Artificial Intelligence, Jadara University, Irbid, Jordan

- **2017 - 2019**   Laboratory instructor "part time" teaching (C++, SQL, HTML, Vb) in Amman Arab University, Jordan.

- **2013 - 2022**   IT teacher and General Manager in the Cambridge Academy, Irbid-Jordan.

- **2012 - 2013**   IT teacher in Ministry of Education in Alhushain Bin Talal School, Jordan.

- **2011 - 2012**    IT teacher in a private school "Al Arabia School Irbid", Jordan.

## Educational Qualifications

- **2019 - 2023**   **PhD in Computer Information System** (Artificial Intelligence, Mobile Application) from Near East University, Cyprus

- **2017 - 2019**   **Master in Computer Science** (Information |Retrieval and Database) from Amman Arab University, Jordan

- **2006 – 2010**   **Bachelor In Computer Information System** from Jordan university of science

    And technology, Jordan

# Certification

- **2008**    Oracle (SQL) and (PL SQL) From Consultative center for science & Technology university

- **2012**    Advanced computer maintenance course From National Academy of Systems and Applications

- **2019**    TOEFL ITP (Total score: 576)

- **2022**    Exploratory Data Analysis for Machine Learning & Supervised Machine Learning: Regression From **(IBM)**.

- **2022**    Foundations: Data, Data, Everywhere & Ask Questions to Make Data Driven Decisions & Prepare Data for Exploration in (Google Data Analytics) From **(google).**

- **2022**    Fundamentals & Fundamentals II & Intro to Interviewing & Using a Code Editor & Intro to Web Development in (JavaScript).

# Teaching Skills

A seasoned Professional Trainer proficient in delivering comprehensive training on cutting-edge Technologies. Well-versed in adherence to teaching Standards, encompassing:

- Developing Cutting-Edge Course Content.

- Engaging Content Presentation.

- Objective-Oriented Assessment and Evaluation.

- Customizing Curriculum for Diverse Audiences.

- Facilitating Active Learning Environments.

- Utilizing Technology for Enhanced Learning.

# Technical Skills

- Operating Systems: Microsoft Windows, Mac, Linux.
- Programming: Python, Java, C, C++, C#, PHP, HTML, VB.Net, Visual Basic, ASP.Net.
- Scripting: JavaScript
- Databases: Oracle (SQL, PLSQL)

## Hardware and Embedded Systems

### •Microcontroller Platforms: Arduino, Raspberry Pi

- Proficient in designing and implementing projects using Arduino and Raspberry Pi platforms.

- Experience in hardware interfacing, GPIO programming, and sensor integration.

- Knowledge of embedded systems development and troubleshooting.

## Other Skills

- Ability to prioritize tasks and work under pressure.
- Ability to work in teams and lead groups in conformity to plans and rules.
- Highly skilled in analyzing and designing new IT infrastructure solution.
- Highly skilled in learning new technologies
- Highly skilled in dealing with new equipment.
- Highly skilled in transmitting knowledge to colleagues.
- Highly skilled in delivering professional IT courses to peers and trainees.

## Research & Research Citation

Interested in applying my Research skills in the following areas Big data, Artificial Intelligence, Machine Learning, Deep Learning, Cloud Computing, Face Recognition, Distance Learning, E-Learning, Mobile Technologies, Learning Management Systems, Virtual Learning Environment, Programming Languages, Database, Data Structures, Information Systems, E-commerce, Information Retrieval, and Sentiment Analysis.

## Google scholar

## Journal Publication

[1] Ababneh, M., & Aljarrah, A. (2024). Cybersecurity: Malware Multi-Attack Detector on Android-Based Devices Using Deep Learning Methods. Journal of Theoretical and Applied Information Technology, 101(1).

[2] Ozdamli, F., Ababneh, M., Karagozlu, D., & Aljarrah, A. (2022). Development and Testing of Performance Scale Application as an Effective Electronic Tool to Enhance Students' Academic Achievements. Electronics, 11(23), 4023.

[3] Ozdamli, F., Aljarrah, A., Karagozlu, D., & Ababneh, M. (2022). Facial Recognition System to Detect Student Emotions and Cheating in Distance Learning. Sustainability, 14(20), 13230.

[4] Aljarrah, A., Ababneh, M., Karagozlu, D., & Ozdamli, F. (2021). Artificial Intelligence Techniques for Distance Education: A Systematic Literature Review. Tem Journal-Technology Education Management Informatics, 1621-1629.

[5] Ababneh, M., Aljarrah, A., Karagozlu, D., & Ozdamli, F. (2021). Guiding the Students in High School by Using Machine Learning.

[6] M. Ababneh, A. Al-Jarrah, D. Karagozlu. "The Role of Big Data and Machine Learning in COVID-19". In BRAIN. Broad Research in Artificial Intelligence and Neuroscience on Web Science. 2020.

[7] Al-Jarrah, Ayat Amin, Ghassan Kanaan, and Mustafa Abdel-Kareem Ababneh. "Retrieving Arabic Textual Documents Based on Queries Written in Bahraini Slang Language." Modern Applied Science 13.6 (2019).

[8] Ababneh, Mustafa Abdel-Kareem, Ghassan Kanaan, and Ayat Amin Al-Jarrah. "Enhanced Arabic Information Retrieval by Using Arabic Slang." Modern Applied Science 13.6 (2019).

## Conference Publication

[1] M. Ababneh, **A. Al-Jarrah**, N. Cavus. Social media usage in education: Big Data Perspective." Proceedings of the 11th ACM Conference on Web Science. 2020.

[2] **Aljarrah, A. A**., Ababneh, M. A. K., & Cavus, N. (2020). The role of massive open online courses during the COVID-19 era: Challenges and perspective. New Trends and Issues Proceedings on Humanities and Social Sciences, 7(3), 142-152.

## Professional Memberships

- **Reviewer, Springer**, Journal of Education and Information Technologies, Indexing: Thomson **ISI** (SSCI) and **Scopus**, (2022) https://link.springer.com
- **Reviewer, Electronics**, Section of **Artificial Intelligence** ,Special Issue Role of Artificial Intelligence in Healthcare and Biomedical Systems, Indexing: Thomson **ISI** (SCIE) and **Scopus**, (2023) https://www.mdpi.com/journal/electronics
- **Reviewer, Sustainability,** Section of **Sustainable Education and Approaches**, Topical Collection: Education, Innovation and Training for Sustainable Development in the Context of COVID-19, Indexing: Thomson **ISI** (SSCI, SCIE) and **Scopus**, (2023) https://www.mdpi.com/journal/sustainability
- **Reviewer, Virtual Worlds**, Section of **Communication** ,(2023) https://www.mdpi.com/journal/virtualworlds
- **Reviewer, Sustainability,** Section of **Sustainable Education and Approaches**, Special Issue "Impact of COVID-19 Pandemic on Education: Lesson Learned, Future Development and Change", Indexing: Thomson **ISI** (SSCI, SCIE) and **Scopus**, (2023) https://www.mdpi.com/journal/sustainability
- **Reviewer, Electronics**, Section of **Computer Science & Engineering**, Special Issue "Graph Machine Learning", Indexing: Thomson **ISI** (SCIE) and **Scopus**, (2023) https://www.mdpi.com/journal/electronics

# Languages

- Arabic
- English

# References

[1] Assoc. Prof. Dr. Mohammed Shatnawi, Faculty of Computer and Information Technology, Jordan University of Science & Technology (JUST), Jordan Mobile: +962-797266261 E-mail: mshatnawi@just.edu.jo

[2] Prof. Ghassan Kanaan, Dean of IT College, Amman Arab University, Jordan Mobile: +962-795687155 E-mail: Ghassan.Kanaan@yahoo.com

[3] Assist. Professor Dr. Damla Karagozlu, Computer Education and Instructional Technology department, Near East University, Mersin 10, Turkey

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[4] Assoc. Prof. Dr. Fezile Özdamli, Computer Education and Instructional Technology department, Near East University, Mersin 10, Turkey

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