



Dr. Aayat Amin Al-Jarrah
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Objective

Seeking a Trainer position where I can share my knowledge with passion to enlighten the trainees to excel in computer science field with innovation technologies.

Educational Qualifications

- 2019 - 2023** **PhD in Computer Information System** (Artificial Intelligence)
from Near East University, Cyprus
- 2017 - 2019** **Master in Computer Science** (Information | Retrieval and Database)
from Amman Arab University, Jordan
- 2007 – 2012** **Bachelor in Science & Engineering** (Biomedical System Engineering)
from Yarmouk University, Jordan

Work Experience (x Years)

- 2024 –Present** Currently Working as Assistant Professor in Department of Robotics and Artificial Intelligence, Jadara University, Irbid, Jordan
- 2022 - 2024** Naser vocational and Training Centre (NVTC), Faculty of Artificial Intelligence at, Bahrain
- 2021 - 2022** Part-time Faculty St Christopher's School, Bahrain
- 2017 - 2019** Amman Arab University (15-01-2017 - 15-01-2019)
Laboratory Instructor for (C++, Vb, C#, HTML, SQL)
- 2016 - 2017** Part-time Faculty St Christopher's School, Bahrain
- 2015 - 2016** Maintenance Engineer at Let's Talk for Consultation and Trading Company, Jordan
- 2013 - 2015** Maintenance Engineer at Sea World Company
in Maintenance Engineering Department, Jordan
- 2011 - 2012** Trainee Engineer at King Abdullah Hospital
in Equipment Maintenance Department, Jordan

Teaching

A Professional Trainer for offering the training on new Technologies

Good at Pearson Standards of Teaching Units which includes

- a) Developing Courses with new Updated Content
- b) Creating a Lesson Plan
- c) Presentation of Content with Proper Materials
- d) Assessing & Evaluation according to the Objectives

Courses Taught

- [1] Programming Basics in JavaScript through Grasshopper from Google.
- [2] Python Programming Course using PyCharm from Python Institute.
- [3] Machine learning Course with Raspberry pi from IBM.
- [4] Graduation Project course.
- [5] Computer vision from Pearson level 3&4.
- [6] Principles of Programming Languages from Pearson level 3&4.
- [7] Big data management from Pearson level 3&4.
- [8] Deep Learning from Pearson level 3&4.
- [9] Data Mining from Pearson level 3&4.

Technical Skills

Operating Systems	:	Microsoft Windows, Mac, Linux
Languages	:	C, C++, JavaScript, python
Scripting	:	JavaScript
Microcontroller Platforms:		Arduino, Raspberry Pi

Certificates

2021	Microsoft Certified Azure Administrator Associate
2013	Medical laboratory equipment maintenance in "Jordan Engineers Association, Metering Code committee, Grid Code committee
2011	120 hours in Visual Studio (MCTS 2005) in "Integrated Horizons For Training".
2008	Introduction to Bioinformatics in" Biomedical Center of Excellence in collaboration with University of Heidelberg Certificate in Advance English (CAE) preparation course.
2007	ICDL Computer

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 Publications

- [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 Publications

- [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.
- [3] Attended Workshop on "Arab International Cybersecurity Summit", 2022 by National Cyber Security Center.

Personal Detail

Nationality: Jordanian
Date of Birth: June 17th, 1989
Marital Status: Married
E- mail: ayataljarrah89@gmail.com

Languages:

Arabic	Mother Language, full command of speaking, reading and writing.
English	Fluent in writing, speaking and reading.
Turkish	speaking very good and good in of both reading and writing.

Professional Memberships

- **Reviewer, Springer**, Journal of Multimedia Tools and Applications Indexing: Thomson ISI (SSCI) and **Scopus**, (2022) <https://link.springer.com>

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] Assoc. Prof. Dr. Fezile Özdamli, Computer Education and Instructional Technology department, Near East University, Mersin 10, Turkey
E-mail: fezile.ozdamli@neu.edu.tr
- [4] Assist. Prof. Raghu D, Bahrain Polytechnic, Computer Science Department, Bahrain,
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