



**Dr. Hanadi Ahmad Aldreabi Alzaben**

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Assistant Professor

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\* Holds a license to Practicing Academic Profession.

\* Member of Technical Committee at Refereed publications.

## Profile

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Aldreabi is an experienced professional with a diverse background in education and software development. In her role as an instructor and coordinator, she has taught various modules within the School of Arts, and the King Abdullah II School of Information Technology, the University Requirements Coordination Office. She has also taken the lead in organizing training programs for academic staff at the School of Arts, contributing to the enhancement of distance education quality at UJ.

Before transitioning to teaching, Aldreabi excelled as an Advanced Software Developer for 10 years. Her expertise lies in the design, development, and monitoring of web applications. She possesses strong proficiency in full-stack development, with a specific focus on implementing computerized systems for applying international accreditation standards in higher education institutions.

Furthermore, Aldreabi has three years of experience as an E-Learning Developer. During this time, she has demonstrated her skills in creating, designing, and developing visually outstanding video tutorials and e-learning courses using instructional design principles. Her ability to merge technology and education has allowed her to deliver engaging and effective learning experiences.

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## Professional Summary

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### 1) E-Learning Developer

- Demonstrated three-year background in creating, designing, and developing visually captivating video tutorials and E-learning courses using effective instructional design and development methodologies.
- In-depth knowledge of E-Learning and web authoring software platforms: Camtasia, Wix, WordPress, Adobe Dreamweaver, etc.
- In-depth knowledge of SCORM (Sharable Content Object Reference Model) and a demonstrated ability to generate SCORM compliant content for seamless integration with learning management systems.
- Experience with training delivery systems such as Cornerstone (LMS) and Premier (LCMS) is a plus.
- Adaptable and resilient, capable of effectively prioritizing work and meeting deadlines even under high-pressure situations and changing priorities.
- Skilled in creating participant guides, learning reinforcement materials, and manager toolkit reference guides, enhancing the overall learning experience and facilitating knowledge retention.

### 2) Web Developer

- Ten-years of extensive experience in diverse facets of .NET development, including analysis, design, development, and execution of business applications.
- Possesses in-depth knowledge of diverse platforms, software systems, and servers, enabling the successful implementation of robust and efficient solutions.
- Extensive experience in unit testing, system testing, regression testing, and automated testing to ensure product quality meets client expectations.
- In-depth Knowledge of structured programming, object-oriented programming, relational database constructs, and dynamic responsive web development.
- Strong programming skills utilizing ASP.NET, VB.NET, HTML, CSS, Bootstrap, JavaScript, and Transact SQL, enabling the creation of feature-rich and user-friendly applications.
- Extensive experience in constructing Design Patterns, Database Design, Stored procedures, Triggers, Tables, User Defined Functions, Views, Indexes, Relational database models, and Data Integrity, ensuring the integrity and efficiency of database systems.
- Excellent communication skills, adept at collaborating with colleagues and clients to identify business objectives, gather requirements, and deliver tailored solutions.
- Committed to providing exceptional customer service, building trust through the integrity of work, and fostering strategic relationships through effective teamwork.

## Education and Qualifications

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Name of University	The University of Jordan, (QS 498)	
Award	<b>PhD in Educational Technology</b>	
GPA	3.88 / 4.0	
Title of thesis	Degree of Accomplishing the School of Educational Sciences at The University of Jordan of International Accreditation Standards (CAEP) and Its Relation to the Quality of Educational Service and the Effectiveness of Computerized Systems in Applying them <i>Advisor Prof. Suhair Jaradat</i>	
Dates studied	<i>From September ,2017</i>	<i>to August ,2020</i>

Name of University	The University of Jordan, (QS 498)	
Award	<b>MSc in Computer Science</b>	
GPA	3.81 / 4.0	
Title of thesis	The OTIS-Pentagon Topology <i>Advisor Prof. Basel Ali Mahafzah</i>	
Dates studied	<i>From September ,2009</i>	<i>to February ,2012</i>

Name of University	Yarmouk University, Jordan , (QS 1001-1200)	
Award	<b>B.Sc in Computer Science and Information Technology</b>	
GPA	3.32 / 4.0	
Dates studied	<i>From September ,2003</i>	<i>to June ,2007</i>

## Employment History

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- **Assistant Professor** at Department of Journalism, Media, and Digital Communication, School of Arts, October 2023.
- **Assistant Dean for Quality Assurance** at School of Arts, The University of Jordan, February 2021 - Present.
- **Part-time lecturer** at University Requirements Coordination Office, School of Arts, and the King Abdullah II School of Information Technology, The University of Jordan, September 2020 – October, 2023.
- **Web Developer** at Information Technology Center, The University of Jordan, April 2009 – February 2021.
- **Web Developer** Information Technology & Communications Center, Jordan University Of Science & Technology, June 2007 – February 2009.

## Research and Publications

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- **Aldreabi, H.**; AlTwahya, F.; Alzboun, N.; Anabtawi, M.; Abu Ghaboush, R; Alhur, M. & Alshurideh, M. (2024). The Role of Digital Communication in Developing Administrative Work in Higher Education Institutions *International Journal of Data and Network Science*. 8(2), 1261-1274. ISSN: 2561-8156.
- **Aldreabi, H.**; Halalsheh, N.; Alrawashdeh, M.; Alnajdawi, A.; Alsawalqa, R. & Al-Shboul M. (2023). Towards Sustainable Digital Communication Using Perceived Enjoyment (PE) with a Technology Acceptance Model (TAM) within Higher Education, in Jordan, *Frontiers in Education*, 8, E-ISSN: 2504-284X.  
<https://doi.org/10.3389/feduc.2023.1226718>
- Mamon Saleem Alzboun, Niveen Z. Halalsheh, Feras Mahmoud Alslaiti, **Hanadi Aldreabi**, Nisreen Kareem Salama Dahdoul (2023). The Effect of Digital Content Designed Based on Learning Styles on Academic Achievement and Motivation toward Learning, *International Journal of Education in Mathematics, Science and Technology (IJEMST)*, 11 (6). E-ISSN:2147-611X.
- Al-Momani, L.; Halalsheh, N.; **Aldreabi, H.**; Al-Hyari, L.; & Al-Quraan, R. (2023). Self-directed learning skills and motivation during distance learning in the COVID-19 pandemic (case study: The University of Jordan), *Heliyon*. 9(9), E-ISSN: 2405-8440.
- Al-Shboul M.; Saileek A. A.; Rodan A.; Alzahrani H.; AlQahtani S.; **Aldreabi H.**, & Malkawi H. (2023). The Effectiveness of Using E-learning and Distance Learning Applications in Jordanian Universities in light of the Coronavirus Pandemic from the Students' Point of View, *Information Sciences Letters*, 12 (10). ISSN: 2090-9551, E-ISSN: 2090-956X.
- Al-Shboul M.; Khazalah F.; Al Sukar M.; Khrisat Z.; Nweiran A.; **Aldreabi H.** & Alruqban F.(2023). Obstacles to Using E-learning and Distance Learning in Jordanian Universities in the light of the Coronavirus Pandemic from the Students' Point of View, *Information Sciences Letters*, 12(10). ISSN: 2090-9551, E-ISSN: 2090-956X.
- Alhur, M. S.; Alshamari, S.; Oláh, J. & **Aldreabi, H.** (2022). Unsupervised Machine Learning to Identify Positive and Negative Themes in Jordanian mHealth Apps. , *International Journal of E-Services and Mobile Applications*. 14(1), 1-21, E-ISSN: 1941-6288.
- **Aldreabi, H.** & Jaradat, S. (2022). Degree of Accomplishing the School of Educational Sciences at The University of Jordan of International Accreditation Standards (CAEP) and Its Relation to the Quality of Educational Service. *Dirasat, Human and Social Sciences*. 49(6), 240-260, ISSN: 1026-3721, E-ISSN: 2663-6190.

- **Aldreabi, H.**; Al-Shboul, M.; Jaradat, S.; Abdallat, M.; Abdali, M.; & Khresat, A. (2022). Designing a Computerized Educational Program to Teach Colors for Children with Special Needs. *Jordanian Educational Journal*, 7(1), 201-220. ISSN: 2520-7555, E-ISSN: 2791-2884.
- Al-Momani, L.; Halalsheh, N.; **Aldreabi, H.**; Al-Hyari, L.; & Al-Quraan, R. (2022). The effect of distance learning on students' self-directed learning skills and motivation during the COVID-19 pandemic, *Voprosy Istorii*, 2 (2). 222-236, ISSN: 0042-8779.
- Al-Zboun, M.; & **Aldreabi, H.** (2022). The Degree of Educational Services Quality at the School of Educational Sciences during COVID-19: Academic Staff Perspective. *Journal of Positive School Psychology*, 6(2). 1864-1875, ISSN: 2717-7564.
- **Aldreabi, H.** (2022). Autonomous Systems Autorecovery and Security: An overview, 1<sup>st</sup> International Conference on Scientific Research and Innovation, The University of Jordan. 29-30, June 2022.
- **Aldreabi, H.** (2021). Degree of Effectiveness of Computer-Based Systems in Achieving International Accreditation Standards (CAEP) at the Faculty of Educational Sciences at the University of Jordan. *Solid State Technology*, 64(2), 5290-5313. ISSN: 0038-111X.
- Al-Zboun, M.; Halalsheh, N.; **Aldreabi, H.** & Atallah, A. (2021). Attitudes of Faculty Members at the University of Jordan towards Using the Blended Learning in Teaching and its Difficulties in Light of the COVID-19 Pandemic. *Psychology and Education*, 58(3). 814-831, ISSN: 1553-6939.
- Abdel Jabbar, S.; Al-Shboul, M.; Tannous, A.; Banat, S. & **Aldreabi, H.** (2019). Young Children's Use of Technological Devices: Parents' Views. *Modern Applied Science*, 13(2), 66-80. ISSN: 1913-1844, E-ISSN: 1913-1852.
- Al-Shboul, M.; Rababah, O.; Al-Sayyed, R.; Sweis, G. & **Aldreabi, H.** (2013). Roadmap to Advance E-Learning Management System at The University of Jordan. *The Journal of American Science*, 9(1), 531-545. ISSN: 1545-1003, E-ISSN: 2375-7264.

## Research Interests

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- International Accreditation, E-Learning, Blended Learning, Learning Management Systems, Digital Communication, and Computer-Based Systems.

## Conferences

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- 4<sup>th</sup> International Conference on Smart Learning: The Way to Boardrooms of Tomorrow, Philadelphia University, Jordan. 26-27 October, 2022.
- 1<sup>st</sup> International Conference on Scientific Research and Innovation, The University of Jordan. 29-30, June 2022.

## Committees Membership at the University of Jordan

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- Head of the Quality and E-Learning Committee at School of Arts.
- The Third Cultural Competition Committee at School of Arts.
- Accreditation Committee at School of Educational Sciences (CAEP).
- Accreditation Committee at School of Business (AACSB).
- Accreditation Committee at School of Engineering (ABET).
- Distinguished Official University Award Committee.

## Achievements

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- Computerized Systems to Applying **International Accreditation Standards** included Material File System, Material Assessment and its Results system, and International accreditation level verification system.
- Computerized systems for **Students** included Student Services System, Graduated Student Services System, Parallel Application System, Student Clearance System, Dorms System, and Student Affairs System.
- Computerized systems for Instructors included the Instructors Services System, Academic Guidance System, Students Attendance System, Halls Reservation System, Marks Entry System, and Research System.
- Computerized systems for **Employees** included Employees Services System, Insurance System, and Vacations System.

## Languages

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- Arabic: Native Language.
- English: Reading, Listening, Writing, and Speaking Very Good.

## Workshops and Training Sessions Conducted

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- How to Build e-Exams by Using Moodle e-Learning Platform during the suspension period of the teaching process due to COVID-19 pandemic, Online Workshop held via Microsoft Teams to faculty members at the School of Arts in The University of Jordan, Amman-Jordan (May 29, 2021).
- How to Use Microsoft Teams & Distance Learning Application Uses during the suspension period of the teaching process due to COVID-19 pandemic, Workshop held to faculty members at the School of Arts in The University of Jordan, Amman-Jordan (October 4-5, 2021).
- The Use of Computers in Education, Workshop held to graduate students at the School of Arts in The University of Jordan, Amman-Jordan (May, 30, 2022), (June, 1, 2022).

## Courses Taught

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- Creation of Digital Content
- Computer Skills For Humanities
- Social Media
- Basics of Computing
- Entrepreneurship Innovation.
- Social Statistics
- Learning and Scientific Research Skills.
- Communication Skills.
- Descriptive Statistics.
- International Computer Driving License (ICDL).

## Courses Can Teach

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- Databases.
- Web Applications Development.
- Information Systems Audit and Quality Assurance
- Intelligent Information Systems
- Computing Ethics and Documentation
- Human Computer Interaction
- Computer Assisted Learning
- Multimedia.
- Programming Languages.
- User Interface/Experience Design
- Security of Web Applications.
- Educational Technology.
- Scientific Research Methods.
- Learning Theories.
- Information and Communication Technology in Education.
- Instructional Design in e-Learning Environments.
- Learning Management Systems.
- Designing and Evaluating Educational Materials.
- Educational Infographic.
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## Technical Skills

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**SQL Server Tools:** SQL Server Management Studio (2022, 2019, 2017 & prewise), SQL Server Business Intelligence Development Studio, Visual Studio (2022, 2019, 2017, 2015& prewise).

**Tools:** ASP.NET, VB.NET, HTML, CSS, Bootstrap, JavaScript and Transact SQL.

**Databases:** MySQL, and Oracle.

**Operating Systems:** Windows (11, 10, 8 & prewise).

**Software:** .NET, Visual Studio, MS Office Suite.

**E-learning Applications:** Moodle, Microsoft Teams, Zoom, and Google forms.

**Authoring software platforms:** Camtasia, Wix, WordPress, and Adobe Dreamweaver.

## Training

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- **Fundamentals of ISO 9001**, Accreditation and Quality Assurance Center at The University of Jordan, 3 hours, March 22, 2023.
- **An overview of CHATGPT: Definition, Uses, and Limitations**, Accreditation and Quality Assurance Center at The University of Jordan, 2 hours, March 6, 2023.
- **The Role of Games and Simulation in Teaching**, Accreditation and Quality Assurance Center at The University of Jordan, 3 hours, January 18, 2023.
- **Strategies for Motivating Students & Gaining their Attention**, Accreditation and Quality Assurance Center at The University of Jordan, 3 hours, November 24, 2022.
- **Entrepreneurial System and Business Development**, Innovation and Entrepreneurship Center at The University of Jordan, 12 hours, September 24, 2022- September 25, 2022.
- **Change Management**, Orange Jordan, 4 hours, September 18, 2022.
- **Entrepreneurship Fundamentals**, Orange Jordan, 4 hours, September 19, 2022.
- **Advanced Entrepreneurship**, Orange Jordan, 4 hours, September 20, 2022.
- **Innovation**, Orange Jordan, 4 hours, September 21, 2022.
- **Creative Thinking and Design Thinking**, Orange Jordan, 4 hours, September 22, 2022.
- **IELTS Preparation Course**, The Center of Consultations and Training at The University of Jordan, 50 hours, January 10, 2022 – March 9, 2022.
- **Senior Management**, The Center of Consultations and Training at The University of Jordan, 36 hours, December 15, 2021 – January 12, 2022.
- **Use of Modern Teaching Methods and Educational Technology in Teaching and Learning for Practicing Academic Profession**, The Center of Consultations and Training at The University of Jordan, 30 hours, December 4, 2021 – December 9, 2021.
- **Exam Preparation Using Platforms: ExamBuilder, JUExams.com**, The Open Educational Resources and Blended Learning Center at The University of Jordan, 4 hours, November 24, 2021.
- **Use Some Advanced Features in The Educational Process on The Platforms: Microsoft Teams, Moodle**, The Open Educational Resources and Blended Learning Center at The University of Jordan, 4 hours, November 17, 2021.
- **Radar Methodology**, Incentives for Consulting & Training, Amman- Jordan, 3 Days, March 2, 2021- March 4, 2021.
- **Principles of Excellence Standards**, Incentives for Consulting & Training, Amman- Jordan, 3 Days, March 2, 2021- March 4, 2021.