

CURRICULUM VITAE

Personal Information

Full Name: Ahmad Mousa Al Odat

Date of Birth: 1st March 1965

Nationality: Jordanian

Marital Status: Married

Residence: Irbid - Jordan

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Qualifications

- Ph.D., Computer Information System, Arab academy for Banking and Financial Sciences, 2008, Amman / Jordan. Dissertation Title: Efficiency Improvement of Data-Mining with Two-Dimensional Data Reduction.
- Master Degree, Information Technology, Al-Neelain University / Sudan, 2003, Thesis Title: Survey of Incremental Algorithms of the Learning Techniques.
- Bachelor's Degree, Computer Science, Yarmouk University, 1988, Irbid / Jordan.
- General Secondary Education Certificate Jordan (Scientific Stream), Irbid Secondary School, 1983, Irbid / Jordan.

Academic Rank

- Associate Professor, from 10/02/2013 until now.
- Assistance Professor, from 10/02/2008 to 09/02/2013.
- Instructor, from 12/10/2003 to 09/02/2008.

Experience

1.Irbid National University (INU)

- 1- Dean of Faculty of Science and Information Technology,
From 04/10/ 2018 Until Know.
- 2- Dean of Faculty of Science and Information Technology,
From 01/09/2014 to 01/09/2016.
- 3- Head of Graphic Design Department,
Form 30/09/2009 to 31/08/2010.
- 4- Manager of Technology Transfer, from 1/1/2014 to 1/1/ 2017
- 5- Contact Person: Tempus TEJ Project, from 1/1/ 2014 to 1/1/2017
- 6- Contact Person: Erasmus + ICM Project, from 1/1/ 2016 to 1/1/2017
- 7- Contact Person: Erasmus+ RE-BUILD Project, from 1/1/ 2017 to 1/1/2020
- 8- Representative of the IT Faculty Council: 2009, 2011, 2012, 2017
- 9- Representative in the University Council: 2012
- 10- A member in a number of INU committees such as Plans Committee, Scientific and Cultural, Social Committee, the Committee to investigate irregularities students.

2.Lands and Survey Department

- 1- IT Manager, Head of Analysis and Programming Division,
from 1/9/1993 to 14/12/2003.
- 2- Content Manager of [e-government](#) project.
- 3- Senior System Analyst (Project Leader).

3. AL-Nida'a Import-Export and Transport EST

- 1- System Analyst and Programmer, from 20-10-1990 To 1-9-1993.

4. Institute of Public Administration

- 1- Part-Time Lecturer, Introduction and Using For Oracle RDBMS,
From 1-6-1996 To 19-6-1996.

5. Ministry of Health

- 1- Part-Time Lecturer, Introduction to the Computer Science,: Computer Skills.
From 1-10-1992 To 1-10-2003.

6. Philadelphia University

- 1- Part-Time Lecturer, Computer Courses Instructor, from 1/1/ 2002 to 1/1//2003.

Training Coursing

1. **Course** : User Interfaces
Ingres / SQL and Report Writer.
Application Development in Ingres Using Ingers/vision.
Place : Computer Applications and Technical Services (CATS).
Held from 13-11-1993 To 25-11-1993.
2. **Course** : Introduction To Unix.
Place : Specialized Technical Services (STS)
Held from 22-3-1994 To 30-3-1994.
3. **Course** : Senior Programmer.
System Analysis. (10 Hours)
Program Structure Design (10 Hours)
Module Design (10 Hours)
Test Planning. (10 Hours)
Unix Operating System (20 Hours)
C Language (60 Hours)
Data Base Design (20 Hours)
Data Base Programming (ORACLE RDBMS) (60 Hours)
System Development Workshop
(ORACLE RDBMS). (120 Hours)
Place : ROYAL SCIENTIFIC SOCIETY (RSS)
Held From 4-6-1994 To 26-9-1994.
4. **Course** : Advanced CA-OpenIngres Report Writer.
Place : Computer Applications and Technical Services (CATS)
Held From 7/2/1998 to 10/2/1998
5. **Course** : Introduction and Advanced Visual Basic.
Place : Palestine Modern Center
Held From 1/8/1998 to 15/5/1998
6. **Course** : Managing a GIS Seminar
Place : Amman - Jordan (Radisson SAS Hotel)
Held From 18/5/1998 to 19/5/1998
7. **Course** : Introduction To Oracle RDBMS, SQL, PL/SQL
Place : International Training & Consultancy Centre (ITCC)
Held From 19/12/98 to 28/12/98

8. **Course** : Oracle Developer/2000 (Forms 4.5 Part 1)
Place : International Training & Consultancy Centre (ITCC)
Held From 29/12/98 to 10/1/99
9. **Course** : Oracle Developer/2000 (Forms 4.5 Part 2)
Place : International Training & Consultancy Centre (ITCC)
Held From 11/1/99 to 25/1/99
10. **Course** : Oracle Developer/2000 (Reports 3.0)
Place : International Training & Consultancy Centre (ITCC)
Held From 26/1/99 to 1/2/99
11. **Course** : Oracle Ver. 7 Database Administration
Place : International Training & Consultancy Centre (ITCC)
Held From 2/2/99 to 18/2/99
12. **Course** : Oracle Designer/2000 workshop
Place : International Training & Consultancy Centre (ITCC)
Held From 20/2/99 to 10/3/99
13. **Course** : Introduction to GIS
Place Lands and Survey Department
Held From 1/6/99 to 3/6/99
14. **Course** : Programming in C / C++
Place Falcons Soft Programmers & Consultants
Held From 14/8/99 to 26/8/99
15. **Course** : Mastering Microsoft Visual Basic 6 Fundamentals
Place Specialized Technical Services (STS)
Held from 15-1-2000 to 3-2-2000.
16. **Course** : ICDL (International Computer Driving Licences) Start
Place Hashmiat University.
Held from 15-8-2002 to 5-10-2002.
17. **Course** : Web Computing

Subject
Introduction to Unix

Period
19/1 – 23/1/2003

HTML & Java Script	26/1 – 4/2/2003
Introduction to Object Oriented Methodology	5/2 – 16/2/2003
Java Programming	17/2 – 6/3/2003
Introduction to SQL	9/3 – 11/3/2003
Java Servlets	12/3 – 18/3/2003
JSP (Java Server Pages)	19/3 – 25/3/2003
Workshop	26/3 – 15/4/2003

Place : ROYAL SCIENTIFIC SOCIETY (RSS)
Held From 19/1/2003 To 15/4/2003.

18. **Course** : Certificate of Completion Level 2
Place The American Center.
80 Hours.

19. **Course** : Institutional Development and Organizational Strengthening
(ID/OS)
Place MDF Training and Consultancy / Netherlands
Olive Hotel / Jordan.
Held from 20-10-2002 To 29-10-2002 (68 Hours).

20. **Course** : Oracle 9i (Oracle iDS)
Place : Computer & Communications Systems (CCS)

The Content

	Description	Date	
		From	To
1.	Oracle Developer Track :		
1.1	Introduction to Oracle :SQL	09/03/2003	13/03/2003
1.2	Develop PL/SQL program units	18/03/2003	20/03/2003
1.3	Oracle iDS Forms : Build Internet Application I	23/03/2003	27/03/2003
1.4	Oracle iDS forms: Build Internet Applications II	30/03/2003	01/04/2003
1.5	Oracle iDS Reports : Build Internet Reports	06/04/2003	10/04/2003
2.	Oracle Database		
2.1	Oracle 9i: Database Administration Fundamentals I	18/05/2003	22/05/2003
2.2	Oracle 9i: Database Administration Fundamentals II	01/06/2003	05/05/2003
2.3	Oracle 9i: Database Performance & Tuning	22/06/2003	26/06/2003
3.	Oracle Designer Track		
3.1	Oracle Designer 6i: first class	20/07/2003	24/07/2003
3.2	Oracle Designer 6i : Web PL/SQL Design & Generation	29/07/2003	31/07/2003
3.3	Oracle Designer 6i: System	26/07/2003	28/07/2003

	Modeling		
3.4	Oracle Designer 6i: Server Design & Generation	03/08/2003	05/08/2003
3.5	Oracle Designer6i : Forms Design & Generation	10/08/2003	14/08/2003
4.	Internet Application Server		
4.1	Administrating the Oracle 9i: Application Server	04/05/2003	05/05/2003

Conferences

1- Conference Title : 1st International Conference on Digital Communications & Computer Applications

Place : Jordan University of Science & Technology
Faculty of Computer & Information Technology
Held from 19/3/2007 to 22/3/2007.

Paper Title : "An Optimal Discretization Algorithm"

2- Conference Title : Universal Conference Management Systems & Support

Place : San Diego, California, U.S.A
Held from 26/6/2006 to 29/6/2006.

Paper Title : " E-Government in Jordan: Reality and Ambitions"

3- Conference Title : 1998 Middle East ESRI GIS, User Conference

Place : Amman - Jordan (Radisson SAS Hotel)
Held from 16/5/1998 to 19/5/1998.

4- Conference Title : Study Visit / TEJ project

Place : Bologna University/Italy
Held from 25/5/2014 to 29/5/2014

5- Conference Title : Study Visit / TEJ project

Place : University of Alicante / Spain
Held from 2/3/2015 to 4/3/2015

6- Conference Title : Study Visit / TEJ project

Place : Porto University / Portugal
Held from 4/4/2016 to 8/4/2016

7- Conference Title : Study Visit / TEJ project

Place : Bologna University / Italy
Held from 19/7/2016 to 23/7/2017

Publications	
1- Paper Title Journal Name	: ClassifyChi2: A New Hybrid Discretization Algorithm : Journal of Advanced Research in Computer Science Vol. 1, Issue. 1, 2009, pp. 1-12.
2- Paper Title Journal Name	: Parallel Two-Dimensional Quicksort Algorithm (PTSA) : Journal of Computer Science 4(1): 66-71, 2008.
3- Paper Title Journal Name	: Deterministic Parallel Sorting Algorithm for 2-D Mesh of Connected Computers : Journal of Computer Science 4(6): 447-453, 2008.
4- Paper Title Journal Name	: E-Government Challenges and Opportunities: A Case Study of Jordan : International Journal of Computer Science Issues Vol. 9, Issue 5, 361-367, 2012.
5- Paper Title Journal Name	: E-Government In Developing Countries: Framework Of Challenges And Opportunities : Journal Of Theoretical And Applied Information Technology Vol. 46, Issue 2.
6- Paper Title Journal Name	: Impact of Collaboration and Coordination among E-Government: A Case Study of Jordan : International Journal of Computer Science Issues Vol. 9, Issue 5, 177-186, 2012.
7- Paper Title Journal Name	: Similarity Measurements of Vector Space Model on Arabic Text : Research Journal of Applied Sciences, Engineering and Technology, 11(8): 860-864, 2015
8- Paper Title Journal Name	: An efficient image processing and browser tool for solar images : Journal of Theoretical and Applied Information Technology, 80(1): 124-132, 2015
9- Paper Title Journal Name	:Comparative Study between LM-DH Technique and Huffman Coding Technique : International Journal of Applied Engineering Research, 10(15), 36004-36011, 2015
10- Paper Title	: Image Denoising by Comprehensive Median Filter

Journal Name	: International Journal of Applied Engineering Research, 10(15), 36016-36022, 2015
11- Paper Title	: Does an Arithmetic Coding Followed by Run-Length Coding Enhance the Compression Ratio?
Journal Name	: Research Journal of Applied Sciences, Engineering and Technology, 10(7): 736-741, 2015
12- Paper Title	: Enhancing an end user development in database design using entity relationship diagram mapper
Journal Name	: Journal of Theoretical and Applied Information Technology, 77(2): 218-228, 2015
13- Paper Title	: An Automatic Method for Edge Detection Evaluation based on Semi-Optimal Edge Detector
Journal Name	: Indian Journal of Science and Technology, Vol. 9(39), 2016
14-Paper Title	: Image Steganography using Modified Least Significant Bit
Journal Name	: Indian Journal of Science and Technology, Vol. 9(39), 2016

Theses Examined

1) University Name: Amman Arab University

Thesis Title: An Authentication Model for Cloud Computing Application, Nov. 2013

Student Name: Rafal Adeeb AL-Khashab

2) University Name: Jadara University

Thesis Title: Level of using the cloud computing and its impact on achieving the organizational effectiveness: case study orange-jordan, Dec. 2015

Student Name: Zakariya al-masri

3) University Name: Jadara University

Thesis Title: The impact of social networks on the promotion of products in commercial centres, Aug. 2015.

Student Name: Ansam Al-essa

4) University Name: Jadara University

Thesis Title: Effect of the quality of the website design on the effectiveness of electronic polarization recruitment, Apr. 2016

Student Name: Emad Nawasreh

5) University Name: Jadara University

Thesis Title: The Effectiveness of Electronic Training by using a massive open online courses “MOOCs” and its Impact on the Knowledge Management Processes from Trainees perspective (Edraak Platform as a Case Study), May 2017.

Student Name: Majedah Hatamleh

6) University Name: Al al-Bayt University

Thesis Title: Arabic Writer Identification and verification Technique Based on Global Feature Extraction and K-Means clustering Methods, May, 2017.

Student Name: Mohammad Ali Al-Sheyab

7) University Name: Al al-Bayt University

Thesis Title: Arabic Offline Writer Identification Based on an Oriented FAST and Rotated BRIEF (ORB) and Speeded-up Robust Features(SURF) Algorithms, Aug. 2017

Student Name: Heba Ahmad Mohammad Ali Al-Sheyab

8) University Name: Al al-Bayt University

Thesis Title: Build a classification Approach for Arabic Text on Semantic web using cosine-similarity. April 2018

Student Name: Hassan Al-Serhan

European Union (EU) Projects

A contact person in:

1) Project Name: Towards University-Enterprises Alliance in Jordan / Tempus Project

Project Period: three years started at 3/3/2014

Project coordinator: Princess Sumaya University for Technology

2) Project Name: International Credit Mobility (ICM) / Erasmus+ Project

Project Period: 2016 and 2017

Hosting University: Middle East Technical University (METU)

3) Project Name: Vocational training skills building for vulnerable groups in Jordan including refugees and asylum seekers / Erasmus+ Project

Project Period: three years started at 1/7/2017

Project coordinator: Alexander Technological Educational Institute of Thessaloniki (ATEIT)

- **Committee member of the College of Computers and Information Society**

Research Fields and Interesting Areas

- 1- e-Government**
- 2- Cloud Computing**
- 3- Information Retrievals**
- 4- Database,**
- 5- Data Mining,**
- 6- System Analysis**
- 7- Big data**
- 8- Open data**

Special Skills

- 1- Team Management**
- 2- Course Designer**
- 3- Strategic Planner**
- 4- E-government Expert**
- 5- Social Activist**
- 6- European Project Expert**