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Hebah H. O. Nasereddin



PERSONAL INFORMATION

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Date of Birth: 1966

Nationality: Jordanian

Languages: Arabic and English.

Marital Status: Married

Objective

I hope to add value to the knowledge and invest my experience for humanity.

Research Interests:

Technology diffusion, Dynamic Data mining, Database, cryptography and steganography, e- business models and management, e- commerce, information systems development, e- learning and knowledge management, e- health and recently in e- disability.

Education

2003 –2007

Arab Academy for Banking and Financial Science

Doctor of Philosophy in computer Information system, Thesis title:
New Data mining techniques to deal with both static and dynamic
databases

	Amman, Jordan
1999 –2001	Arab Academy for Banking and Financial Science M.Sc, Information Systems Amman, Jordan
1985 –1989	Yarmouk University B.Sc, Computer Science Irbid, Jordan

Appointments

- **2009–Present: Middle East University**, Professor, CIS Department, Faculty of Information Technology Jordan,

7-12-2017: Professor.
14-5-2013: Associate Prof,
2010: Head of CIS Department.
- **2008-2009: Amman Arab University for Graduate Studies**, Assistant professor, CIS Department Faculty of Information Technology Jordan.
- **2007- 2008: The Arab Academy for Banking and Financial Science**, Assistant professor, CIS Department Faculty of Information Systems and Technology Jordan.
- **1989 –2007 Ministry of Health**, (1994-2007 Head of IT Department).

Part time

- **2008-2009: Al-Balqa' Applied University** Faculty of planning & Management. Part time.
- **2002–2007: Rufaida College** , Teaching Computer Information System & Data Base, part Time

Training Courses:

Many Certificates for participating and/or completing Courses/workshops such as System Engineering Course, UNIX, systems development, system analysis, system design, data communication, data base programming, system performance reliable design, capacity design, project management DB administration, Advance course in Networking, Simulation, Database (Distributed Systems), AI, Decision Support Systems, E-commerce (& E-business), Software Engineering (Z notation), Security.

Professional Association

- General Chair of International Conference on New Visions for Information and Communication Technology (ICNVICT 2013)
- Researcher at the Department of computer information system in Middle East University
- Member of the Middle East University Council
- Member of the Middle East University Strategic planning committee.
- Head of Website committee at MEU
- Member of the Middle East University E-learning committee.
- Thesis supervision and evaluation committee member.
- Editor-in-chief in the Journal of Progress in Computing Applications (PCA).
- Member in Editorial Board in the International Journal of research and reviews in applied sciences (IJRRAS).
- Member in Editorial Board in the Journal of Electronic Systems (JES).
- Reviewer in the “International Journal of Web Applications” (IJWA).
- Reviewer in the “.JOURNAL OF DIGITAL INFORMATION MANAGEMENT” (JDIM).
- Technical Programmer Committee in (I-Society 2011, 2012, 2013, 2015), (WorldCIS-2011, 2012, 2013,2016), (ICITST- 2009, 2010, 2011), (ICADIWT 2009, 2010).
- Reviewer in” (ICICCA2010), (NDT 2009, 2010).
- Attendance “The provision of banking products and services to retail and financial challenges”, Jordan.

Publications

In Journals:

1. **“An Object Oriented Programming on Encrypted Database System (CryptDB) ”** published in Talent Development & Excellence. By Hebah H. O. Nasereddin & Ali Jawdate Drwesh, Vol.12, No.1, 2020, 5140 – 5146.
2. **“Factors that Impact Countries’ Innovation in Computer Science Research Publications”** published in Opción, By Evon Abu-Taieh, Nazik Alturki , Auhood AlFares, Hebah H. O. Nasereddin , Volume 36 (26) Especial No.26 (2020): 3095-3114.
3. **“Big Data Technologies in Supply Chain Management: Opportunities, Challenges and future trends ”** published in International Journal of Management (IJM) , By Hebah H. O. Nasereddin & Hala Hakem Haditheh A L-Khraishah, Volume 11, Issue 6, June 2020, pp. 171-179.
4. **“An Encryption and Decryption Technique using Genetic algorithm”** published in Talent Development & Excellence. By Hebah H. O. Nasereddin & Ali Jawdate Drwesh Vol.12, No.3s, 2020, 2311 – 2316.
5. **“The importance of games practiced by children from the perspective of teachers/children”** published in Opción, . By Mohamed M. Al-Hileh,, Sara M. Hamdan, , Hebah H. O. Nasereddin , Volume 36 (26) Especial No. 36, Especial No.26 (2020): 1464-1481
6. **“The Impact of Internet of Things on Customer Service: A Preliminary Study”** published in Periodicals of Engineering and Natural Sciences. By Hebah H. O. Nasereddin & Moath Jehad Mohammad Faqir,, Volume 7 (1) • June 2019 .pp 148- 155.
7. **“FROM THE FANTASY WORLD TO REALITY: SMART CITIES”** published in the International Journal of Research and Reviews in Applied Sciences. By ALanoud Ibrahim Alhrouit & Hebah H. O. Nasereddin, Volume IJRRAS 35 (2) • May 2018 .pp 42- 46.
8. **“Importance of Information Sharing in Supply Chain and Knowledge Leakage”** published Transylvanian Review: Vol XXVI, No. 26, March 2018. By Ahlam Yousef Hassan & Hebah H. O. Nasereddin, , Volume XXVI issue (26) 2018 .pp 6769-6775.
9. **“Developing a High-Performance Voice recognition design model Utilizing Commands Database Approach”** published Transylvanian Review: Vol XXVI, No. 25, 2018, . By Hebah H. O. Nasereddin, & AyoubAbdelrahmanAl-Omari , Volume XXVI issue (26) 2018 .pp 6769-6775.

10. **“ INFORMATION SHARING CHARACTERISTICS IN SUPPLY CHAIN MANAGEMENT”** published in the International Journal of Business & Management Science. By Ahlam Yousef Hassan & Hebah H. O. Nasereddin, , Volume 4 issue (1) 2018 .pp 1-11.
11. **“MMLSL: Modelling Mobile Learning for Sign Language”** published in the International Journal of Engineering and Computer Science Research and Reviews in Applied Sciences. By Hebah H. O. Nasereddin, , Volume 9 issue (2) 2017 .pp 20267-20272
12. **“Enhancing Algorithm for Dynamic Data Mining Association Rules”** published in the International Journal of Engineering Research & Management. By Hebah H. O. Nasereddin, , Vol. 4No. 2, pp 40- 48,2017
13. **“(ARBSI): Proposed Algorithm Association Rules Based on Scanning Itemsets”** published in the INTERNATIONAL JOURNAL OF CURRENT RESEARCH. By Hebah H. O. Nasereddin, Volume 9 (2) 2017 . pp.46068-46073.
14. **AN EMPIRICAL STUDY OF FACTORS AFFECTING THE ACCEPTANCE OF MOBILE PAYMENTS IN JORDAN”** published in the International Journal of Research and Reviews in Applied Sciences. By Hebah H. O. Nasereddin, & Shireen Y.M Khazneh, Volume IJRRAS 29 (3) • December 2016 .pp 110- 121.
15. **“ Enhancing Open Space Method in Data Hiding Technique”** published in the Journal of International Journal of Computer Applications (0975 – 8887) , by Hebah H. O. Nasereddin , Yaman F. Abdullah Volume 155 – No 7, December 2016 pp 5-17.
16. **"Voice Encryption Using Twin Stream Cipher Algorithm"** published in the Journal of Advanced Computer Science and Technology Research. By Omar.M.Hammad, Hebah H. O. Nasereddin,. Abdulkareem.O.Ibadi Vol.6 No.2, June 2016, pp 37-51,
17. **"New Technique to Protect the Privacy of Images in Social Network by Using Hash Algorithm & Least Significant Bit”** published in the International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) . By Imad S. W. Khufash, Hebah H. O. Nasereddin Volume 5 Issue 11, November-2015 .pp 672-677.
18. **"DERIVE A NEW MARKUP LANGUAGE FROM THE EXTENSIBLE MARKUP LANGUAGE (XML) FOR SUPPORTING ELECTRIC ENGINEERING"** published in the International Journal of Research and Reviews in Applied Sciences. By Areej Yousef Abu Hadbah & Hebah H. O. Nasereddin, Volume IJRRAS 23 (3) • June 2015 .pp 174- 179.

19. **“Enhanced Solutions for Misuse Network Intrusion Detection System using SGA and SSGA”** published in International Journal of Computer Science and Network Security, by Sabah A. Jebur, Hebah H. O. Nasereddin VOL.15 No.5, May 2015,.pp 12- 18
20. **New Technique for Cross Platform Availability Control over Electronic Messages”** published in International Journal of Computer Technology & Applications, by Ward Ahmed, Hebah H. O. Nasereddin Vol. 6, No. 1, | Jan-Feb 2015, .pp 18- 22
21. **“A new vision for information technology project management through selecting SDLC model”** published in the American Academic & Scholarly Research Journal by Jasour A.Obeidat, Hebah H. O. Nasereddin Vol. 5, No. 4, May 2013, .pp 183- 192
22. **Proposed Data Hiding Technique – Text under Text”** published in the American Academic & Scholarly Research Journal by Yaman F. Abdullah, Hebah H. O. Nasereddin Vol. 5, No. 3, April 2013, .pp 243- 248
23. **“Business Continuity Based on RFID”** published in the American Academic & Scholarly Research Journal by Waleed K. A . Abdulrahema Hebah H. O. Nasereddin, Said M. H. Fares Vol. 5, No. 3, April 2013, .pp 223- 228
24. **“Business Continuity Based on Backup”** published in the American Academic & Scholarly Research Journal by Ghazi K. AL-Abed, Hebah H. O. Nasereddin Vol. 5, No. 3, April 2013, .pp 253- 258
25. **"An Enhanced Item-Summation for Dynamic Data Mining Algorithm"** published in the International Journal of Web Applications by Hebah H. O. Nasereddin, Volume 4, Number 4, December 2012.ppp 173- 184
26. **"New Technique to Deal with Dynamic Data Mining in the Database"** published in International Journal of Research and Reviews in Applied Sciences. by Hebah H. O. Nasereddin , Volume 13, Issue3, December 2012. Pp 806-814
27. **“Stream Data Mining”**, published in the International Journal of Web Applications, Hebah H. O. Nasereddin Volume 3, Number 2, June 2011.ppp 90- 97.
28. **“Internet penetration and the constraints on the Use of E-commerce”** published in the Journal of Information Technology Review.by Hebah H. O. Nasereddin Volume 2 Number 2 May 2011. Pp 66-72.
29. **CUTTING STOCK PROBLEM: SOLUTION BEHAVIORS”** published in the International Journal of Research and Reviews in Applied Sciences. By Izzeddin A.O. Abuhassan & Hebah H. O. Nasereddin, Volume6, Issue4, 'March 2011.ppp 429- 433.

30. **Intrusion prevention system**" published in the "International Journal of Academic Research". (IJAR) By Amjad Abdallah Abdelkarim & Hebah H. O. Nasereddin, Volume 3, No 1, January 2011.pp 432- 434.
31. **DIGITAL WATERMARKING A TECHNOLOGY OVERVIEW**" published in the International Journal of Research and Reviews in Applied Sciences. By Hebah H. O. Nasereddin Volume 6, Issue1, January 2011.pp 89- 93.
32. **"New Technique to Deal with Dynamic Data Mining in the Database"** published in Journal of Digital Information Management. By Hebah H. O. Nasereddin , Volume 9, Issue4, August 2011. Pp 147- 152
33. **"Using Genetic Algorithm in Network Security"** published in the International Journal of Research and Reviews in Applied Sciences. By Ehab Talal Abdel-Ra'of Bader & Hebah H. O. Nasereddin, Volume5, Issue2, November 2010.pp 148- 154.
34. **"Mobile commerce"** published in the "International Journal of Academic Research: Mathematics and Technology". (IJAR JMT), By Hebah H. O. Nasereddin & Amjad Abdullah Abdelkarim, Number 4(1), October 2010.pp 148- 154.
35. **"SMARTPHONE CONTROL ROBOTS THROUGH BLUETOOTH"**, published in the International Journal of Research and Reviews in Applied Sciences. By Hebah H. O. Nasereddin & Amjad Abdullah Abdelkarim, Volume4, Issue4, September 2010.pp 399- 404.
36. **"PROPOSED DATA HIDING TECHNIQUE TEXT IMAGE INSIDE IMAGE (TIHI)"** published in the International Journal of Research and Reviews in Applied Sciences. By Hebah H. O. Nasereddin & Murad Saleh Al Farzaeai, Volume4, Issue2, August 2010.pp 183- 193.
37. **"Stream Data Mining"**, published in the International Journal of Web Applications, Hebah H. O. Nasereddin Volume 1, Number 4, 2009.pp 183- 190.
38. **"The Reality and Constraints on the use of E-commerce Companies of Jordan"**, Al-azhar university journal, by Hebah H. O. Nasereddin Egypt, published in December 2009, Volume123, Issue1.pp 515- 528.

In Conferences:

1. **"Data Hiding Text under Text by using hexadecimal Algorithm"** published in the International Society for Computers and Their Applications (ISCA).Proceedings of the 33rd International Conference on Computers and Their Applications (CATA 2018) March 19–21, 2018, Las Vegas, Nevada, USA.

- by Hebah H. O. Nasereddin Yaman F. Abdullah DALIA Y.S. JALLAD, pp 183-190
2. **“Classification Techniques for Automatic Speech Recognition (ASR) Algorithms used with Real Time Speech Translation”** published in the International Conference proceedings of Computing Conference 2017 (SAI) , by Hebah H. O. Nasereddin ,Ayoub Abdel Rahman Omari, , 18-20 July 2017 | London, UK , Copyright © IEEE , pp 200-207
 3. **"The Importance of Information and Communication Technologies in E-Tourism”** published in the International Conference On: Tourism Development Obstacles "Crises, a Threat to Development and Progress", By Hebah H. O. Nasereddin From 9th to 13th March, 2016, Aswan and Luxor, (Aboard ' Zeina ' Nile Cruise)
 4. **"Hospitality and Tourism in Social Media: New Views and Perspectives"** published in the International Conference On: Tourism Development Obstacles "Crises, a Threat to Development and Progress", By Hebah H. O. Nasereddin, & Dalia Y. Jallad From 9th to 13th March, 2016, Aswan and Luxor, (Aboard ' Zeina ' Nile Cruise)
 5. **“Advantages of Agile”** published in the International Conference of American Academic & Scholarly Research by Abdelrahman Mahmoud Ibrahim Salem, Hebah H. O. Nasereddin, 22-23/March 2013 Amman-Jordan.
 6. **"Intranet in schools: a Trend or a Need?"** has been published in the World International Conference on Education (WICE-2010), May,19-20,2010 in Amman, Jordan. By Hebah H. O. Nasereddin and Sana qassim.
 7. **“Dynamic Data Mining Process”** has been published in the ICITST-2008 conference, 23-28 June in Dublin, Ireland. pp 23-26.
 8. **“How IT affects Organizations' Structure in Jordanian Companies”** has been published in the ICITST-2008 conference, 23-28 June in Dublin, Ireland. pp 65-72.

Thesis supervision and evaluation committee member

Al anood amer: **The Impact of Using E-Marketing Tools on Sales Promotion at Amman City Hotels: Field Study on Five Stars Jordanian Hotels – Amman** , 1/2018 Degree: Master Degree in E- business Computer Information Systems, Supervisor: Hebah H. O. Nasereddin

Al-Sharif Ahmad Moh'd Jasem Moh'd: **The Impact of Social Media Marketing on Customer Satisfaction through Brand Image** (Field Study based on Customers of Jordan Telecommunication Companies, Applied on the Students of the Private Universities that Located in Amman-Jordan) 6/2017 Degree: Master Degree in E-business Computer Information Systems, Supervisor: Hebah H. O. Nasereddin

- Basem Ghazi Jaber : **The Influence of Sustainable Energy on Business Performance through Advertisement Case study: “King Abdullah II Industrial City”** 6/2017 Degree: Master Degree in E- business Computer Information Systems, Supervisor: Hebah H. O. Nasereddin
- Lamia hamed :**The Impact of E-Recruitment on organizational commitment: Testing the Mediating Role of E-Training an empirical Study in Islamic Banks in Amman city ”** 5/2017 Degree: Master Degree in E- business Computer Information Systems, Supervisor: Hebah H. O. Nasereddin
- Suhaib Saber Ismail: **The Impact of The Perceived Risks in Trust on Internet for Jordanian Consumer.** 1/2017 Degree: Master Degree in E- business Computer Information Systems, Supervisor: Hebah H. O. Nasereddin
- Ayoub Abdelrahman Al-Omari: **A Comparative Study of Classification Techniques for English to Arabic Speech Recognition.** 05/2016, Degree: Master Degree in Computer Information Systems, Supervisor: Hebah H. O. Nasereddin
- Dalia Yousef AL-Jallad: **Enhancing the Performance of the Hybrid Recovery Method by Defining Video Content Type.** 01/2016, Degree: Master Degree in Computer Information Systems, Supervisor: Hebah H. O. Nasereddin
- Omar Mejbel Hammad Aljouani: **Voice Encryption Using Twin Stream Cipher Algorithm.** 01/2016, Degree: Master Degree in Computer Information Systems, Supervisor: Hebah H. O. Nasereddin , Abdelkareem. O. Ibadi
- Imad Shafi Khuffash: **A New Technique to Protect the Ownership of Images in Social Network using Encryption and Steganography Algorithms.** 01/2016, Degree: Msc, Supervisor: Hebah H. O. Nasereddin
- Sabah Abdulazeez Jebur: **Enhanced Solutions for Misuse Network Intrusion Detection System using SGA and SSGA.** 06/2015, Degree: Master, Supervisor: Hebah H. O. Nasereddin
- Omar Natheer Basheer: **Practical Measurements Framework for Software Integrity.** 01/2015, Degree: Msc, Supervisor: Hebah H. O. Nasereddin , Sharefa F. Murad
- Ward Ahmed: **New Technique for Cross Platform Availability Control over Electronic Messages.** 01/2015, Degree: Msc, Supervisor: Dr. Hebah H. O. Nasereddin
- Ahmed Faleh: **New Method for Image Inside Image Steganography.** 05/2014, Degree: Msc, Supervisor: Dr Hebah H. O. Nasereddin
- Muataz Safauldeen Abdulrahman: **New Technique to Embed Encrypted QR Code in Colored Image by Using First and Third LSB.** 05/2014, Degree: Master, Supervisor: Hebah H. O. Nasereddin
- Areej Yousef Abu Hadbah: **Deriving a new Markup Language from the Extensible Markup Language (XML) to enhance Electrical Engineering Applications.** 01/2014, Degree: Msc, Supervisor: Dr Hebah H. O. Nasereddin
- Yaman Fakhri Issa Abdallah: **Enhancing Open Space Method in Data Hiding Technique – Text under Text.** 05/2013, Degree: Master, Supervisor: Dr. Hebah H. O. Nasereddin

Committee services

- Member of the Computer Electronic Association.
- Member of the Jordan Olympic Committee – women & sport
- Member of the international committee to monitor Persons with Disabilities convention
- Member of the international Jordanian Athletes Cultural Association
- Member of the Higher Council for the Affairs of Persons with Disabilities