Curriculum Vitae

Personal Data:

Name: Bassam Mohammad ELZaghmouri

Place & Date of Birth: Saudi Arabia, March-9-1971

Sex: Male

Marital Status: Married
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Nationality: Jordanian

Address: P.O.Box 2328, Amman 11821, Jordan

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Education:

PH. D Degree in Computer Information Systems /Artificial intelligence, University of Banking and Financial Sciences, Jordan (2011) .

Master's Degree in Information Systems, Arab Academy for Banking and Financial Sciences, Jordan (2000).

High Diploma in Information Systems, Arab Academy for Banking and Financial Sciences, Jordan (1999).

B.Sc. Degree in Hospital Administration, University of Amman, Jordan (1995).

General Secondary Education Certificate, Ibn-Sena- School, Saudi Arabia (1988).

Languages:

Arabic: Excellent (Mother Tongue).
English: Excellent (Written and spoken).

Working Experience:

- 2023 tell Now Head of Computer Science Department Information Technology Faculty,Jerash University, Jordan Amman Tel:26350522.
- 2019 tell Now Associate Professor Computer Science Department Information Technology Faculty,Jerash University, Jordan Amman Tel:26350522.
- 2012 tell 2022 Head of Computer Science Department Information Technology Faculty,Jerash University, Jordan Amman Tel:26350522.
- 2014 -2015 now Head of Graduate Studies, Jerash University, Jordan Amman Tel:26350522
- 2011-2012 Assistant Professor and Coordinator of Quality Assurance Information Technology Faculty,Jerash University, Jordan Amman Tel:26350522.
- 2008-2012 Head of Applied Arts and Information Technology Dept, Al-Andalus Collage, Jordan Amman Tel: 5827125.
- 2010-2011 Manager Department of Computer, Amaken Plaza Hotel, Jordan Amman Tel: 5340406.
- 2000-2011 lecturer, The Arab Collage, Jordan Amman Tel: 5519101/5519102.
- 2008 Part-time lecturer, NewHorizons , Jordan Amman Tel: 5672119.
- 2000-2003 Part-time lecturer, The Arab Academy For Banking And Financial Sciences "AABFS",Jordan Amman Tel: 5332151/5332205.
- 2002-2003 Part-time lecturer, Alisra Private UNV, Jordan Amman Tel: 4711710/4711830 .
- 2002-2007 Part-time lecturer, Princess Alia UNV Collage, Jordan Amman Tel: 5689269.

- 2001-2004 Part-time lecturer, The Kadecy Collage, Jordan Amman Tel: 5661118/5661119.
- 1999-2000 MIS officer, Multi Base Systems company, Jordan Amman Tel: 5538528.

Training Courses:

- *Introduction to Oracle RDBMS Ver.8.* International Training and Consulting Center (ITCC)**,** October-3-1998**.**

- *Oracle Developer / 2000 (Forms 4.5 Part A and Part B),* International Training and Consulting Center (ITCC)**,** October-14-1998**.**

- *Oracle Developer / 2000 (Reports 2.5),* International Training and Consulting Center (ITCC)**,** November-7-1998**.**

- *Oracle Ver.7 database Administration,* International Training and Consulting Center (ITCC)**,** November-17-1998**.**

- *Oracle Designer / 2000 (Release 2.1),* International Training and Consulting Center (ITCC)**,** December-19-1998.

- *Oracle Web Application Server.* International Training and Consulting Center (ITCC)**,** February-6-1999.

- *Java Script.* The Arab Academy for Banking and Financial Sciences, February -17-1998**.**

- *Local Computer Net Work (LAN).* The Arab Academy for Banking and Financial Sciences, March-11-1998**.**

- *Windows NT 4.0 Administration and Core Technology,* The Arab Academy for Banking and Financial Sciences, May-3-1998**.**

- *Information Technology and Corporate Computerization,* The Arab Academy for Banking and Financial Sciences, November-12-1997**.**

- *Server Side Programming ,* Computer Training Center (CompuLearn) , Aprial-29-2001.

Computer Knowledge & Skills:

- **Computer Languages:** Python , C++ , Java , Java Script , CSS , Perl , VBA
  CGI , ASP , VisualBasic , Visual C++ , Front Page 2021 , HTML , XML , PHP .
- **DataBase Management Systems :** MS Access 2021 , Oracle Developer 11g .SQL Server
- **CASE Tools:** Oracle Designer / 2000 (R2.1) , Power Designer (R6.1).
- **Planing & Representation Tools:** MS Project 2021 , MS PowerPoint 2021.
- **Reporting & Doc. Tools:** MS Excel 2021 , MS Word 2021, Visio *v*7.0.
- **Operating Systems:** Windows 11 , Windows Server .

Membership of Committees:

- Member of the Jordanian Academicians Society.

Publications:
Journals:

- Khurram Shahzad, Marwan Abu-Zanona**, *Bassam Mohammad Elzaghmouri*,** Saad Mamoun AbdelRahman, Ahmed Abdelgader Fadol Osman, Asef Al-Khateeb, " Enhancing cancer treatment and drug discovery through the implementation of artificial intelligence and machine learning techniques ",Journal of Ayub Medical College, Abbottabad, Pakistan, ISSN 1025-9589 , Volume 36 , Issue 1, Feb 2024.

- ***Bassam Mohammad Elzaghmouri***, Ahmad Khader Habboush, Lucy Dash , Binod Kumar Pattanayak, Ahmed Abdelgader Osman, Mohammed Awad Ataelfadiel, Asef Al-Khateeb, "Architecture and Technologies of 6G Network" ,Journal of Southwest Jiaotong University, Volume 59 , Issue 1, Feb 2024.

- ***Bassam Mohammad Elzaghmouri***, Ahmad Khader Habboush, Marwan Abu-Zanona Suprava Ranjan Laha, Binod Kumar Pattanayak, Saumendra Pattnaik, Bibhuprasad Mohanty," Securing Industrial IoT Environments through Machine Learning-Based Anomaly Detection in the Age of Pervasive Connectivity ", International Journal of Intelligent Systems and Applications in Engineering (IJISAE), ISSN 1247-6799, Volume 12, Issue 2, Jan 2024.

- Ahamd Khader Habboush , ***Bassam Mohammed Elzaghmouri***, Binod Kumar Pattanayak , Saumendra Pattnaik, Rami Ahmad Haboush, " An End-to-End Security Scheme for Protection from Cyber Attacks on Internet of Things (IoT) Environment ", Tikrit Journal of Engineering Sciences, ISSN 2312-7589, Volume 30, NO. 4, Dec 2023.

- Said Elaiwat , Mohammad Azad, Mohammad Alam, Marwan Abo-zanona, ***Bassam Elzaghmouri***, Hani Omar, " Advancing Cephalometric Soft-Tissue Landmark Detection: An Integrated AdaBoost Learning Approach Incorporating Haar-Like and Spatial Features ", International Information and Engineering Technology Association(Traitement du Signa), ISSN 0765-0019, Volume 40, NO. 6, Dec 2023.

- ***Bassam Mohammad Elzaghmouri***, Ahmad khader habboush, " Security Life Cycle framework for Exploring & Prevention of Zero day attacks in Cyberterrorism", International Journal of Computer and Communication Technology, ISSN 2231-0371, Volume 9, Issue 1, Jul 2023.

- Padmini Mansingh, Binod Kumar Pattanayak, Bibudhendu Pati, ***Bassam Elzaghmouri*** and Ahmad Khader Habboush ," PREMORBID BRAIN VOLUME AGAINST ALZHEIMER'S DISEASE USING BIG MEDICAL DATA ANALYSIS",ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Volume 18, Issue 8, Apr 2023.

- M. M. Kamruzzaman, Saad Alanazi , Madallah Alruwaili , Nasser Alshammari, Said Elaiwat, Marwan Abu-Zanona, Nisreen Innab, ***Bassam Mohammad Elzaghmouri*** and Bandar Ahmed Alanazi," AI- and IoT-Assisted Sustainable Education Systems during Pandemics, such as COVID-19, for Smart Cities ",Sustainability,MDPI , ISSN 2071-1050 , Volume 15, Issue 10, May 2023.

- Nibedita Jagadev, Binod Kumar Pattanayak ,Ahmad khader habboush , ***Bassam Mohammad Elzaghmouri***, Mahmoud Ali Al Shugran," Adaptive Bandwidth Management Model for Wireless Mobile Ad-Hoc Network", International Journal of Computer Networks & Communications (IJCNC), ISSN: 0974-9322 , Volume 15 Issue 1, Jan 2023.

- Marwan Abu-Zanona and Anmar Abuhamdah ,***Bassam. El-Zaghmouri***," Arabic Handwritten CharacterRecognition Based on Contour Matching and Feed-Forward Neural Network", Computer and Information Science, ISSN 1913-8989 , Volume 12, Issue 2, Oct 2019.

- ***Bassam. El-Zaghmouri*** " Contents Based Arabic Documents Classification", Research Journal of Applied Sciences (Medwell), ISSN: 1815-932x , Volume 13 Issue 3, Mar 2018.

- Marwan Abu-Zanona and ***Bassam. El-Zaghmouri*** " Hybrid Fingerprint Recognition Algorithm Based on Self Organized Map Neural Networks", International Journal of Computer Science Issues (IJCSI), ISSN: 1694-0784 , Volume 11, Issue 1, Jan 2016.

- Haboush, A., AL-Badareen, A. B., Alnabhan, M., Al-nawayseh, M. and ***EL-Zaghmouri, B***. "Investigating Software Maintainability Developme: A case for ISO 9126", International Journal of Computer Science Issues (IJCSI), ISSN: 1694-0784 ,Volume 11, Issue 2, Apr 2014.

- Alnabhan, M., Haboush, A., AL-Badareen, A., Al-nawayseh, M., *& **EL-Zaghmouri, B***." An Evaluation Framework for Requirements Definition of Software Development", Journal of Convergence Information Technology, ISSN: 2233-9299, Volume-9, Issue-2, Mar,2014

- ***Bassam. El-Zaghmouri*** and Marwan Abu-Zanona ,” Protein Family Recognition based on Fuzzy Logic”, International Journal of Emerging Research in Management and Technology (IJERMT) ISSN: 2278-9359, Volume 4, Issue 4,Apr 2013.

- Marwan Abu-Zanona and ***Bassam. El-Zaghmouri***,” Adaptive Iris Localization And Recognition: Modification On Daugman’s Algorithm ”, International Journal of Computer Science and Information Security (IJCSIS) ISSN: 1947-5500, Volume 11, Issue 2, Feb 2013.

- Marwan Abu-Zanona and ***Bassam. El-Zaghmouri***,” Current Arabic (Hindi) Hand Written Numbers Segmentation and Recognition Advance Image Processing and Neural Network”, Journal of Emerging Trends in Computing and Information Sciences (cisjournal) ISSN: 2079-8407, Volume 3, Issue 6, June 2012.

- Anmar Abuhamdah and ***Bassam. El-Zaghmouri***, Anas Quteishat and Rawnaq Kittaneh , “ Hybridization between Iterative Simulated Annealing and Modified Great Deluge for Medical Clustering Problems”, World of Computer Science and Information Technology Journal (WCSIT) ISSN: 2221-0741, Volume 3, Issue 2, Jun 2012.

- ***Bassam El-Zaghmouri*** and Marwan Abu-Zanona ,”Fuzzy C-Mean Clustering Algorithm Modification and Adaptation for Applications”, World of Computer Science and Information Technology Journal (WCSIT) ISSN: 2221-0741, Volume.2, Issue 5, Mar 2012.

Conferences:

- ***Bassam M. El-Zaghmouri***” Multicasting Ad-Hoc Network Based on Genetic Algorithm Approach “,International Conference on Advances in Business Management and Information Technology (ICABMIT),23rd - 24th June, 2019, Houston, Texas,USA.

- ***Bassam M. El-Zaghmouri***" Speech Recognition Using Neural Networks", International Conference on Computing, Communication and Control Engineering, ISBN 978-93-84422-20-2 (IC4E'2015), May 22-23, 2015 Dubai (UAE).

Taught Courses :

1. Computer skills.
2. Programming language .
3. Management information systems.
4. Introduction to Information Technology.
5. Computer Networks .
6. Computer Simulation.
7. Systems Analysis and Design.
8. Introduction to Internet Programming.
9. Artificial Intelligence.
10. Computer Information Systems.
11. Internet Programming.
12. Software Engineering.
13. Information and Network Security.
14. Database systems.
15. Information Retrieval.
16. Data Mining.

References:

- ***Prof. Asum Al-Shak***, Dean Computer Information System Dept, University of Banking and Financial Sciences, Amman Jordan.
- ***Prof. Riyad Farhan Al-Shalabi,*** Computer Information System Dept, Petra University, Amman Jordan.
- ***Prof.Ghassan Ghazi Kanaan,*** Computer Information System Dept, Petra University, Amman Jordan.
- ***Prof. Mohammed Al-Zohbe***, Computer Science Dept, University of Jordan, Amman Jordan.