CURRICULUM VITAE

Personal information

Name:	Bilal Al-Bataineh.
Date of birth:	3/10/1968.
Place of birth:	Irbid –Jordan.
Nationality:	Jordanian.
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Education: -

2008   **PhD in Computer Information System / Artificial intelligence**
Arab Academy for Banking and Financial Sciences
Amman – Jordan
Dissertation Title: Recursive Transition Network Parser for Arabic Language with Agreement Features

2002   **Master degree in Computer science**
Red Sea University, Al-Khartoum, Sudan

1998   **Bachelor of Science Degree in Computer science and information system**
Philadelphia University, Amman-Jordan

Work Experience

2023 to present working at Jadara University
- Assistant Professor, College of Information Technology.
- Head of Computer Science Department.

2017 to 2023 working at Municipality of Greater Amman
- Supervising and following up the electronic transformation project of the Department of Disease Control and Animal Welfare.3
- Supervision and follow-up project of a paperless department for the Department of Disease Control and Animal Welfare.
- Participate in re-engineering operations and software for Greater Amman Municipality departments.

• Participation in the development of programs related to the E-Government program. • Testing the software developed for the e-government project

2013 - 2017 working at Shaqra University, Kingdom of Saudi Arabia
    • Assistant Professor, College of Information Technology
    • Head of Computer Information System Department

2010 - 2013   working at Ajloun National University
    • Assistant Professor, College of Information Technology
    • Head of Computer Information System Department
    • Head of Computer Science Department

2009 - 2010 working at National Irbid University
    • Assistant Professor, College of Information Technology
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2007   Working at Arab Academy for Banking and Financial Sciences, Part time instructor**.**
2003 - 2007 working at Al-Balqa Applied University, Part time instructor.

1998 to 2009 working at Municipality of Greater Amman

- Supervisor of IT Centers from 2007 until 2013.

    - Supervision on the administrative and technical works in the centers. In addition to development and construction works in the new centers.
    - Developing the skills of the employees in these centers

- Supervisor of IT and community Centers, in *princess Iman Center for IT and Technology* (knowledge station) which is a partnership between King Abdullah the Second Fund for Development (KAFD) and Greater Amman municipality from 2002 until 2007.

    Constructing and administrating the training programs:
    - Trainees programs (ICDL training, Cisco Network Academy, Programming Language)
    - Internet services for students (science researches, emails …)
    - Training University students on these applications.

Analysis and Building Systems, Using programming language like (Vb6 and Ms Access Applications)

- Supervisor of library project computerization, working with expert team to build the database and the screens for the system using *Minimis*.

- Analyzing and studying computerized library Systems (OLib7, Horizon,…) to select an applicable one to be used in *Public Library*.

- Working as a programmer
  - Cobol language and decform tools.
  - Oracle tools and PL SQL.
  - Visual Basic
  - MS Access

- Constructing emergency planning for Y2K, that includes all work procedures for all departments.

Training

- Introduction to SQL and PL/SQL
- Developer forms I & II , Developer Reports
- ICDL advanced
- Cambridge
- Visual Basic

Conferences and Publishing

1. Recent advances in multi-objective whale optimization algorithm, its versions and applications, (Journal of King Saud University Computer and Information Sciences), September 2025
2. A hybrid extreme machine learning model for predicting heart disease (Bulletin of Electrical Engineering and Informatics), October 2025
3. Advancements In Global Optimization With An Empowered Capuchin Search Algorithm (Neural Computing and

Applications), July 2025.

4. ICAIMT-Machine Learning-Driven Innovations in Knowledge Management: Integrating Business Intelligence, e-Learning and Organizational Culture for AI Management Trends, Journal of Information & Knowledge Management, 2025

5. Simplified and Effective Dual-Round Image Encryption Robust Technique, The International Arab Journal of Information Technology, Vol. 22, No. 2, March 2025

6. A Memory-Based Neural Network Model for English to Telugu Language Translation on Different Types of Sentences, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 15, No. 7, 2024

7. Hook Replacement Method for Mobile Receiver in the Soft Handover Region. (American Journal of Mathematical and Computer Modelling. Vol. 2, No. 1, 2017, pp. 1-5. doi: 10.11648/j.ajmcm.20170201.11)

8. Towards a new generation of web browsers: An eye tracking study, (International Business Information Management Association 33th IBIMA, ISBN: 978-0-9998551-2-6, 10-11 April 2019, Granada, Spain, p.7047-7052.

9. Design, Development and Usability Evaluation of an Online Web-based Lost and Found System (International Journal of Digital Information and Wireless Communications (IJDIWC) 5(1): 75-81 The Society of Digital Information and Wireless Communications, 2015 (ISSN: 2225-658X)

10. A Construction of New Parser and Lexicon Design for Arabic Language. (International Journal of Artificial Intelligence and Agent Technology. Vol. 2, |issue 2|Sep 2014

11. Design, Development and Usability Evaluation of an Online Web-based Lost and Found System (The 2nd International Conference on Human-Computer Interaction Prague, Czech Republic, August 14-15, 2014 Paper No. 93)

12. The Construction of a New Lexicon Design for Arabic Language (International Business Information Management Association 14th IBIMA, ISBN: 978-0-9821489-3-8, 23- 24 June 2010, Istanbul, Turkey, p.2086-2096

13. An Efficient Recursive Transition Network Parser for Arabic Language, ICCSDE 2009 (The 2009 International Conference of

Computational Statistics and Data Engineering London, U.K., 1-3 July, 2009)
14. Towards a Student-Centered Learning Paradigm in a Virtual Learning environment, WORLDCOMP'07 Conference (The 2007 World Congress in Computer Science, Computer Engineering, & Applied Computing Las Vegas, Nevada, USA June 25-28, 2007)

Research Fields and Interesting Areas

- Natural Language Processing
- Artificial intelligence
- e-Government
- Human–computer interaction (HCI)
- Cyber security
- System Analysis
- Information Retrievals
- Database

Training Courses

- System analysis
- Database
- Artificial intelligence
- Security
- Programming in C++
- Multimedia
- Mastering Microsoft Visual Basic 6 Fundamentals