



**AHMAD FUAD HAMADAH BADER**

**Assistant Professor**

**Department of Communication and Computer Engineering  
Engineering College**

**Jadara University, Irbid**

P.O.Box 733, Irbid 22110, Jordan.

Tel: (+962) 2 7201222

Fax: (+962) 2 7201221

Mobile: +962 777414317

P.O. Box 941993, Amman 11194 Jordan

abader@jadara.edu.jo, ahmad\_baderjo@yahoo.com

## **1- Personal Data**

- Date and Place of Birth: December, 13, 1967, Kuwait - Kuwait
- Nationality: Jordanian, Ukrainian
- Present Position: Assistant Professor at Communication and Computer Engineering Department

## **2. Education**

- **Ph.D.** in Engineering, Computer Systems and Networks, Donetsk State Technical University, Donetsk, Ukraine, 2007.
- **M.S.** in Engineering, Computer Systems complexes and Networks, State Technical University named after Beruni, Tashkent, Uzbekistan, 1992.
- **B.S.** in Engineering, Computer Systems complexes and Networks, Donetsk State Technical University, Donetsk, Ukraine, 1989 .
- **Academic Experience institution, rank, title (chair, coordinator, etc, if appropriate), when (ex. 1990- 1995), full time or part time**
  - Jadara University, Assistant Professor, Faculty of Information Technology, Computer Networks Department, 2013-2015, FT.
  - Jadara University, Assistant Professor, Faculty of Engineering, Department of Communication and Computer Engineering, 2015-present, FT.

- **Instructor in the following undergraduate courses and their Laboratories:**

1. Numerical Methods.
2. Electrical Circuits Analysis.
3. Signals and Systems.
4. Analog and Digital Communications.
5. Telecommunications Systems.
6. Embedded Systems.
7. Digital Logic Design.
8. Data and Computer Communications.
9. Computer Networks.
10. Backbone Routing and Switching.
11. Wireless Networks Systems.
12. Networks Security.
13. Network Planning, Management and Design.
14. Operating Systems.
15. Advanced Programming.
16. Programming Language C++.
17. Assembly Language.
18. Microprocessors.
19. Computer Organization and Design.
20. Computer Architecture.
21. Digital Electronics.
22. Digital Signal Processing.

- Supervision of final year students over various projects in the areas of Analog and Digital communications, Multiple Access Techniques , Cellular Telephony technologies, Data Communications and Networking.
- Supervision of different Bachelor Projects in the field of Mobile and Bluetooth Security, Mobile Broadcasting and Networking.
- Development of Academic plans and course description for interest subjects.
- Development of laboratories for Analog and Digital Communications, Data and Computer communications, Computer Networks and Wireless Networks.

- **Non-academic Experience– company or entity, title, brief description of position, when (ex. 1993- 1999), full time or part time**

- Healthcare Quality International, Chief Information Officer, UAE, Dubai, 2007-2013, FT.
  - Responsible for supervising, managing, and coordinating different aspects of the IT Enterprise projects.
  - Develop, execute, and manage different computing and IT strategies of the company.
  - Approving system selection, application development, system installation and implementation, programming, project management, and application support for all HQI projects.
- Al Ahlia Commercial Centers P.S.C., IT Director, Jordan, Amman, 2000-2007, FT.
  - In charge of Information Technology department pertaining to formulating IT Company strategy and long-term IT planning. Reports directly to General Manager.
  - Developed new systems in accordance with identified needs of the departments and upgrade user stations as necessary, manages the purchasing of all software, hardware and other IT supplies and maintains the delivery of IT System.

➤ Performs daily routine such as: checking servers and application including ERP solutions with P.O.S. System, approving system selection, application development, system installation and implementation, programming, project management, and application support for all the departments.

● Euro-Gulf Company (Electronics Division), Head of Technical & Networking Department, Jordan, Amman, 2000-2007, FT.

➤ Planning, organizing, directing and implementing IT project in order to provide migration and commissioning of Microsoft Systems and IT Security, verifies technical drawing/specification and check for discrepancies and make sure that the project meets the deadline, Interact with other departments and vendors involved.

➤ Responsive to customer expectations and needs within the project requirements.

➤ Produce weekly and monthly report on project progress, solution proposals, programmed management and track to ensure that project is on time and to budget.

● **Certifications or professional registrations**

➤ Course of PC Network & Novell software and Hardware as Installation, April 18 - May 28, 1994.

➤ Course of Oracle Data Base 70 h. (Introduction, Administration, SQL, Forms, and Reports), July 29 - August 30, 2000.

➤ Microsoft Windows 2000 Network & Operating System Essentials, Implementing Microsoft Windows 2000 Professionals and Server, Implementing Microsoft Windows 2000 Network Infrastructure, Implementing Microsoft Windows 2000 Directory Services Infrastructure, Designing Security for Microsoft Windows 2000, Implementing MS Exchange 2000, ISA Server 2000, March 10- June 19, 2002.

➤ IBM AIX V4 Introduction & Administration Workshop, March 10-19, 2003.

➤ Cisco Certified Network Associate, CCNA, February 21 - March 9, 2005.

● **Current membership in professional organizations**

● Jordan Engineers Association.

● International Association of Engineers.

● The Society of Digital Information and Wireless Communications (SDIWC).

● World Academy of Research in Science and Engineering (WARSE).

● **Honors and Awards**

None

● **Service Activities (Within and outside the institution)**

● Head of the Faculty Committee, Course Equivalency Committee, Jadara University, 2016 and 2017.

● Head of the Faculty Committee, Graduation Projects Committee, Jadara University, 2016 and 2017.

● Member of the Faculty Committee, Strategic Planning Committee, Jadara University, 2016 and 2017.

● Member in the Faculty Council (Communication and Computer Engineering Dept), Jadara University, 2016 and 2017.

● Member of the Faculty Committee, Quality Assurance and Accreditation Committee (ABET), Communication and Computer Engineering Department, Jadara University, 2019 and 2020.

● Member of the Faculty Committee, Quality Assurance and Accreditation Committee (HEAC), Jadara University, 2019 and 2020.

- Member of the Faculty Committee, Scientific Contests Committee, Jadara University, 2013, 2015, 2016, 2017.
  - Member of the Faculty Committee, Computer Skills Committee, Jadara University, 2013, 2014, 2016 and 2017.
  - Member of the Faculty Committee, Student Development and Follow-up Committee, Jadara University, 2014, 2016 and 2017
- 9. Briefly list the most important publications and presentations title, co-authors if any, where published and/or presented, date of publication or presentation**
- *Information Retrieval Techniques against Big Data with its Wider Applications: Challenges and Recommendations.*  
 January, 2017 *International Journal of Advanced Biotechnology and Research (IJBR)*,  
 Volume - 8, Issue-1, Pages: 34-49  
 Author: Ahmad Fuad Hamadah Bader, Ph.D.
  - *Enhancing K-MEANS Algorithm with Initial Cluster Centers Derived From Data Partitioning Along The Data Axis with PCA.*  
 December 1, 2012 *Journal of Advances in Computer Networks 1 (2)*, 137-142  
 Authors: Dr. A.V.Senthilkumar, Hindusthan College of Arts and Science, Bharathiar University- India , Dr. Adnan Alrabea, Albalqa Applied University - Jordan, adnan\_alrabea@yahoo.com, Dr. Ahmad Bader
  - *Fragmentation of variables in Mealy automaton with coding of rows of direct structural table.*  
*Radio-electronics and Informatics 2006 April 1, 2006*  
 Authors: Ahmad Bader, Prof. A.A. Barkalov, Institute of Computer Engineering and Electronics, Poland, a.barkalov@iie.uz.zgora.pl, Dr. R.M. Babakov, Donetsk Institute for Artificial Intelligence, Ukraine, [cpld@mail.ru](mailto:cpld@mail.ru).
  - *Modeling of Mealy Automaton with Coding of Sets of Fragment of Micro-operations*  
*Artificial Intelligence Magazine June 13, 2006*  
 Authors: Ahmad Bader, Prof. A.A. Barkalov, Institute of Computer Engineering, Poland, Dr. R.M. Babakov, Donetsk Institute for Artificial Intelligence, Ukraine
  - *Research of Hardware Characteristics of the Mealy Automaton with Coding of Sets of a Fragment of Micro-operations with VHDL-model.*  
*Artificial Intelligence Magazine January 1, 2007*  
 Authors: Ahmad Bader, Prof. Barkalov A.A., Dr. Babakov R.M.
  - **Briefly list the most recent professional development activities**
    - The International Conference on Intelligent Computing Systems and Data Analytics Applications (ICSDDA-2019), Jadara University, Irbid, Jordan, December 1-3 - 2019
    - The International Conference on Computer Science and Information Technology (CSIT 2018), Amman, 2018.
    - Future Programmers Contest FPC7, Jadara University, Amman, 2018.
    - The International Conference on Computer Science and Information Technology (CSIT 2016), Amman, 2016.
    - International Conference on Emerging Trends in e-Education, e-Learning, e-Management and e-Business (ICET4E 2013), Dubai, UAE, March 11 -12, 2013.