Curriculum Vitae
Dr. Riad S. Jabri

• Personal Information

Date of Birth	:	15/9/1952
Marital Status	:	Married with three children
Languages	:	Proficiency in Arabic, English and Bulgarian
Address	:	Jordan University, Amman, Jordan
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• Education

Institution	Degree	Year	Area
Higher Institute for Mechanical and Electrical Engineering/ Bulgaria	Ph.D.	1981	Programming Languages and Compiler Design
Higher Institute for Mechanical and Electrical Engineering/ Bulgaria	M.Sc.	1976	Computer Machines and Devices

• Training Courses

- EDP for Senior Management, Budapest, 1988.

- Installation and Maintenance of Computer Systems, USA, 1983

• Employment Record

1976-1977:	Engineer, Royal Jordanian Airlines, Amman-Jordan.
1981-1983:	Lecturer, Computer Science Department, University of Jordan, Amman-Jordan.
1983-1985:	Assistant Professor, Computer Science Department, University of Jordan, Amman-Jordan.
1985-1988:	Chairman, Computer Science Department, University of Jordan, Amman-Jordan.
1989-1990:	Assistant Professor, Computer Science Department, University of Jordan, Amman-Jordan.
1990-1991:	Associate Professor, Computer Science Department, University of Jordan, Amman-Jordan.
1991-1992:	Associate Professor, Philadelphia University (Sabbatical), Amman-Jordan.
1993-1994:	Associate Professor, Computer Science Department, University of Jordan, Amman-Jordan.
1994-1995:	Chairman, Computer Science Department, University of Jordan, Amman-Jordan.

1996-2007:   Director, Computer Center, University of Jordan.

2007-2011:   Associate Professor, Philadelphia University (Sabbatical and leave from University of Jordan), Amman-Jordan.

2007- 2011: Acting Dean, Faculty of Science, Philadelphia University, Amman-Jordan

2011- Now: Professor, Computer Science Department, University of Jordan, Amman-Jordan.

2011- Now: Professor, Philadelphia University (leave from University of Jordan), Amman-Jordan.

2011- Now: Dean, Faculty of Science, Philadelphia University, Amman-Jordan

• *Teaching Experience*

a- *Undergraduate Courses*

Logic Design, Operating Systems, Data Base, Systems Analysis, Assembly Languages, Compilers Design, Data Structures, Introduction to Computer Science, Computer Architecture, Advanced Computer Architecture, Systems Programming, Programming Languages (Design and implementation), Programming Languages (Paradigms: Imperative, Functional, Logic and object-oriented), Advanced Operating Systems.

b- *Graduate Courses*

Compilers Construction, Programming Languages (Advanced topics in design and implementation), Semantics of Programming Languages (Operational, Denotational, Algebraic).

• *Consultation*

Information Technology Consultant for the following Institutions/ Projects:

- Ministry of Higher Education.

- Ministry of Youth.

- Ministry of Religious Affairs.

- Salt Development Counsel.

- Jordanian-Palestinian Committee.

- Jordan University, Administration and Faculty of Engineering.

- University Schools.

- Ministry of Education (MOE).

- Appraisal of the Information Technology Component of the Higher Education Development Projects (Supported by the World Bank), (1997-2002).

- Computerization Projects for MOE Supported by the World Bank, (2001-2002).

• *Councils, Academic and Technical Committees*

- Member, Deans Council, Philadelphia University, 2007- Now.

- Member, Academic Council, Institute of Diplomacy, 1996.

- Member of the councils for the following Centers / Faculties at University of Jordan:

- Computer Center (1975-1988), 1995-2007.
- Faculty of Science (1985-1988), 1993, 1995.
- King Abdullah School for Information Technology (2000-2001).
- Center for Phonetics, (2000/2001).
- Center for Consultation (2000-2005).
- Center for Human Resources (2004-2007).

- Member and Chairman of several Ph.D. and M.Sc. examination committees (Theses
  and Comprehensive exams).

- Member (Chairman) of Academic Committees for Establishing and Evaluating Curriculum Proposals for B.Sc. and M.Sc. Degrees in Computer Science, Information Systems and Computer Engineering for:
  - University of Jordan
  - Al-alBayt University
  - Applied Science University
  - Alhashimia University

- Member of Academic Committees for Establishing Accreditation Measures for B.Sc. Degree in Computer Science and Computer Engineering for Private Universities at Ministry of Higher Education, Jordan.

- Member (Chairman) of Accreditation and Evaluation Committees of Private Universities and Community Colleges at Ministry of Higher Education, Jordan.

- Member of Accreditation and Evaluation Committee for Community Colleges at U.A.E., 1990

- Member of Organizing Committee for the First National Conference on Computers and their Applications, 1987.

- Member of a Committee for Introducing Computers in Higher Education at University of Jordan ,1994.

- Member of an E-Learning Committee at University of Jordan ,2002-2007.

Technical Committees

- Technical Director, Committee for Unified Admission for the Public Jordanian Universities, 1996- 2007.

- Chairman, Technical Committee (Directors of Computer Centers at the Public Jordanian Universities), Higher Education Development Project Supported by the World Bank, 1996-2005.

- Chairman, Technical Committee for Internet Connectivity and Establishing a Broadband Network between the Public Jordanian Universities and, 2001-2007.-

- Member, Steering Committee for Introducing MIS at the Public Jordanian Universities, 2001-2005.

- Chairman, Technical Advisory Committee for Public Universities Network Company, 2002-2007.

- Member of a Technical Committee, Health Reform Project Supported by the World Bank, 1998-2005

- Member of a Technical Committee for Computerization 1985-1988, University of Jordan.

- Member of Technical Committee for Computerization, 1990, Applied Science University.

- Member (Chairman) of Tender Evaluation committees for Computing and Networking Facilities (Hardware, Software) at Private and Public Institutions..
- Technical Director, Team for Computerization, Customs Department, Jordan.
- Chairman, Technical Committee for Computerization, Institute of Diplomacy, Jordan, 1996.

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• *Practical Experience*

- Project Leader, Application Software Development (Accounting, Inventory, Project-follow-up), 1981-1985, Private Sectors.
- Design and Implementation of University LAN and Supervision of Establishing (Ethernet, Giga Ethernet and Wireless Networks).
- Supervision and Follow-up for the Implementation of all Information Technology Components of the Higher Education Development Project (1998-2007).
- Supervision and follow-up of awarded or Joint Information Technology Project Between Private and Public Sectors. These Projects Cover the following Aspects (1994-2007):
  - Networking and Security (LAN, Wireless, WAN, Firewalls).
  - Computing Facilities (Web Servers and Proxy, Application Servers, E-mail and Domain Servers).
  - Application and System Software (Operating System, Data Base, MIS).
- Director of the Following Information Technology Projects (1995-2007):
  - Administrative Computing at University of Jordan which Includes: (Accounting, Payroll, Inventory, Library, Student Information System).
  - Unified Admission for all Public Jordanian Universities.
  - Computerization of the University of Jordan Hospital.
  - Security and Network Management at University of Jordan.
  - Internet and WAN Connectivity of University of Jordan and all Public Jordanian Universities.
  - Broadband Network Between Public Jordanian Universities.
  - The 1000 PC Project at University of Jordan.
  - Five Computerization Projects for Ministry of Education (World Bank).
  - Academic Computing at University of Jordan. This includes Establishing Computer Labs, Computing Facilities, Online Exams, E-Learning and Video Conferencing.

• *Research*

Publications

Jabri, R., Formal Method for Semantic Specification and Translation Description of High Level Languages, Dirasat, Vol. XII, No. 1985.

Jabri, R., BMPL Basic Microprocessor Programming Language, Reports at Scientific Session, Sofia, 1980.

Jabri, R., Gross-Compiler BMPL Language Reports at Scientific Session, Sofia, 1970.

Jabri, R., Applied Software Development System for Microprocessors, Second Symposium on Microcomputers Budapest, 1981.

Jabri, R., et al, A Survey of Algorithms on Max-Flow Problems, Dirasat, 1988.

Jabri, R., and Al Jaber, A New Algorithm for Data Flow Analysis, Dirasat, 1988.

Jabri, R., Attribute Evaluation Scheme and its Implementation, Dirasat, 1988.

Jabri, R., Storage Optimization in Attribute Evaluators, Dirasat, 1989.

Jabri, R., Front End Processors, Formal Specification, Implementation and Optimization.

Hmeidi, I., Jabri, R., *et al.* , λ Type Calculus, Jour. of Inst. of Math. & Comp. Science., 12(3), p.213-219, 1999.

Helweh, A, Jabri, R., Improving QoS Good put in Hostile Mobile Ad-hoc Networks, AMSE journals, Advances in Modelling, Series D Computer Science and Statistics. Vol. 11(1), p.41-54, 2006.

Jabri, R., A University Examination Timetabling System Based on a General Framework, AMSE journals, Advances in Modelling, Series D Computer Science and Statistics. Vol.   13(2), p.28-47, 2008.

Jabri, R., Pattern Matching Based on Regular Tree Grammars, Int. Journal of Comp. Science.Vol. 4(1), p.25-34, 2009.

Jabri, R., Alian, M., An Adaptive Shortest Learning Path: A formalized Approach, AMSE journals, Advances in Modelling, Series D Computer Science and Statistics. Vol.   14(1), p.1-20, 2009.

Jabri, R., Generic Code Generator, DIRAST, Pure Sciences,Vol 36(2), p.116-133, 2009.

Alian, M., Jabri, R., A Shortest Adaptive Learning Path in eLearning System: Mathematical View, Journal of American Science, Vol. 5(6), p.32-42, 2009.

Jabri, R., *et al*., Information Hiding: A generic Approach, J. of Comp. Science, Vol. 5(12), p.933-939, 2009.

Jabri, R., A Generalized Normalizing Strategy, DIRAST, Pure Sciences, Vol. 37(1), p. 27-39, 2010.

Jabri, R., A Predictive Bottom-Up Parser, Computing, 93: 123-167 DOI 10.1007/s00607-010-0134-8, 2011.

Jabri, R., A Generic Parser for Strings and Trees, ComSIS, Vol 9 (1), p. 383-412, 2012.

Jabri, R., Alazzam, M., A Generic Tool for Teaching Compilers, Submitted for publication, 2012.

Supervision of M.Sc Thesis in Computer Science

- Automatic Tools for Extending Network Computation Capabilities of H.L.L., 1999
- An Object-Oriented Expert Programming Language and Database, Stephan Abdel Fatah Ibraheem, 1998.

- A Study of the Efficiency of TMS Based Production Rule Systems, Khalid Waleed Mahmood, 1997.

- Data Migration from Relational Data Bases to Multidimensional Data Bases, Sámi Tartir, 2002.

- Security-Aware Quality of Service in Ad-Hoc Networks, Ayman Helweh, 2004.

- The Shortest Adaptive Learning Path in E-Learning Systems, Marwah Alian, 2007.

Books

- Jabri, R., Introduction to Computer Science, A.O.U., 1990.

- Jabri, R., Data Base Management, A.O.U., 1991.

- Jabri, R., Fayoumi, M., Data Processing Principles, A.O.U., 1993.

- Jabri, R., *et.al*, Computer Applications, Secondary Education, MOE, 1995
  تطبيقات الحاسوب، المرحلة الثانوية، وزارة التربية والتعليم
- Altal, S., Jabri, R., *et.al*, قواعد الدراسة في الجامعة Study Rules at the University: A Guide for Study at the Arabic Universities and Institutions for Higher Education, 1997.