Curriculum Vitae

1. **Name : Husam Ahmad Al Hamad**
2. **Rank :** Assistant Professor, Computer Information Systems
3. **Degrees with fields, institution, and date**
    - Ph.D. in Computer Information Systems, AABFS* University, 2008.
    - M.Sc. in Computer Information Systems, AABFS University, 2003.
    - B.S. in Computer Science and Information System, Philadelphia University, 2001.

4. **Academic Experiences:**
    - Assistant Professor, Amman Arab University, Joran, September 2015 until now.
    - Assistant Professor, Qassim University, Saudi Arabia, March 2010 to September 2015.
    - Assistant Professor, AABFS University, Jordan, February 2009 to January 2010.
    - Part-time Lecturer, AABFS University, Jordan, 1997 to 2008.

5. **Non-Academic Experiences:**
    - Design and implementation Programs Quality System at Qassim University and Amman Arab University, the system contains: Course File, Assessments, Reports, Benchmarking, Evaluations, Strategic Plan, etc., 2010 to now.
    - Application of National and International Accreditation standards criteria, 2010 to now.
    - System and Network Administrator, AABFS University, 2005 to 2008.
    - IT Center Director, Training Institution, AABFS University, 2001 to 2004.
    - Programmer and Analyst, AABFS University, 1997 to 2000.

6. **Certifications or Professional Registrations:**
    - Jordanian Classification for Universities, HEAC**, 2016.
    - Towards a Culture of Quality in Institutions of Higher Education, HEAC, 2015.
    - Learning outcomes and Key Performance Indicators (KPI), QU, 2015
    - Self-Study Report, NCAAA***, 2014.
    - Achieving Learning Outcomes, Qassim University, 2014.
    - Oracle and PeopleSoft Applications, Intracom, 2008.
    - Introduction to Linux Operating System, CIS, 2005.
    - Oracle ERP and Financial All Modules with Administration, Intracom, 2004-2006.
    - Software Engineering Fundamentals with Rational Technology, Method, 2004.
    - Programming with Microsoft Visual Basic.Net, Arab Academy, 2003.
    - Administering a Microsoft SQL Server 2000 Database, Arab Academy, 2003.
    - Programming a Microsoft SQL Server 2000 Database, Arab Academy, 2003.
    - ICDL - International Computer Driving License, Computer Skills, 2003.

7. **Current Membership in Professional Organizations:**
    - Reviser at many scientific journals and conferences.
    - Member of the IEEE Computer Society.
    - Founder of the Arabic Center for Document Analysis and Recognition (ACDAR), www.acdar.org.

8. **Honors and awards:**
    - An award from Qassim University for best students' project, 2014/2015.
    - Two Certificate of Appreciation and Recognition from Qassim University for teaching and Quality Assurances Duties, 2014-2015.

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* AABFS: Arabic Academy for Banking and Financial Science – Joran
** HEAC: Higher Education Accreditation Commission – Joran
*** National Organization for Assessment and Accreditation – Saudi Arabia

9. Service activities:
- Head of CS, CIS and MC Departments, Amman Arab University, 12/2016-Present.
- Head, ABET Committee, CIS Department, Amman Arab University, 2015-11/2017.
- Manager, CIS Program, Amman Arab University, 2015-Present
- Deputy, ABET Committee, FCSI College, Amman Arab University, 2015-Present.
- Program Committee, International Conference ICSIC, 2017.
- Member, FCSI College Committees, Amman Arab University, 2015-Present.

10. The most Important Publications in last five years:
1. Husam Al Hamad (2017), RXML: Path-Based and XML DOM Approaches for integrating between Relational and XML Databases, International Journal of Database Management Systems (IJDMS), 9(5), 1-10.
2. Husam Al Hamad, (2017), literature Survey on Conversion between Relational and XML Models, 2nd International Computer Sciences and Informatics Conference (ICSIC 2017), Amman, Jordan, 217-222.
3. حسام أحمد الحمد، خليل حمدي الشقيرات (٢٠١٧)، "برمجة الويب باستخدام لغة PHP"، ترجمة محكمة للطبعة الثالثة من كتاب PHP Programing، مركز النشر العلمي والترجمة، جامعة القصيم-السعودية بتصريح من أوريلي ميديا O'REILY MEDIA، الطبعة الأولى، ٢٠١٧، عدد الصفحات ٦٤٤ صفحةـ (دعم وتحكيم من قبل جامعة القصيم).
4. Al Hamad H. (2016) Effect of the Classifier Training Set Size on Accuracy of Pattern Recognition", International Journal of Engineering Research and Development, 12(11).
5. Al Hamad H. Shqeerat Khalil (2016), Web Programming Using PHP book (Arabic version), Administration of Scientific Publisher and Translation, Qassim University, Translation of 3rd edition of PHP Programing book O'REILY MEDIA, USA. 640 pages.
6. Al Hamad H. (2015), Skew Detection/Correction and Local Minima/Maxima Techniques for Extracting a New Arabic Benchmark Database. International Journal of Advanced Computer Science and Applications (IJACSA), 6(3), 1-10.
7. Al Hamad, H. (2015), XML-Based Data Exchange in the Heterogeneous Databases (XDEHD). International Journal of Web & Semantic Technology (IJWesT), 6(3), 11-24.
8. Husam Al Hamad (2015). Catalog-based Conversion from Relational Database into XML Schema (XSD). International Journal of Date Engineering (IJDE), 6(2), 9-22.
9. Adhoni Z., Al Hamad H., Siddiqi A., Adhoni, Z. (2014). A Cloud-Based Cross Language Search Engine for Quranic Application. The 16th IEEE International Conference on Advanced Communications Technology (ICACT2014), Korea.
10. Adhoni Z., Al Hamad H., Siddiqi A., Adhoni, Z. (2014). A Cloud-Based Cross Language Search Engine for Quranic Application. The 16th IEEE International Conference on Advanced Communications Technology (ICACT2014), Korea.
11. Adhoni Z., Al Hamad H. (2014). A Cloud Qura'an Application Using Drupal Technology, International Journal of Web Applications, 6(1), 23-38.
12. Al Hamad H. (2013). Neural-Based Segmentation Technique for Arabic Handwriting Scripts, WSCG 2013, the 21st International Conference on Computer Graphics, Visualization and Computer Vision, Czech.
13. Adhoni Z., Al Hamad H., Siddiqi A., Parvez M., Adhoni Z. (2013). Cloud-based Online Portal and Mobile Friendly Application for the Holy Qur'an. Life Science Journal, 10(12s), 524-538.

11. Institutional Professional Development Activities in the last five years.
- Outstanding experience in International Academic Accreditation and Quality Assurance.
- Attended several specialized development workshops, such as ABET and QA.
- See also Certifications or Professional Registrations above.