

# Curriculum Vita

**Name:** Aladdin Hussein Abdellateef Baarah.

**Major:** Computer science.

**Minor:** Software Engineering

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## Personal Information:

**Place and date of birth:** Amman, 27/04/1983

**Gender:** Male

**Marital Status:** Married

## Academic Qualifications:

- 2014, PhD in Computer Science, University of Ottawa, Canada.
- 2007, Master in Computer Science, University of Jordan, GPA 3.63 out of 4, Thesis Track.
- 2004, Bachelor in Computer Science from Mutah University, with an Accumulative Average 86.72% (Excellent Rating). The first rank among the class of 2004/2005 of Computer science Students.
- 2000/2001, High School Certificate, Scientific Branch with total Average 92.9%.

## Academic Experience:

- Assistant Professor at Hashemite University, Jan 19, 2014 – Now
- Part Time Lecturer at University of Jordan, September 2016 – May 2017
- Research Assistant at University of Ottawa, May 2010 – December 2013
- Teaching Assistant at University of Ottawa, January 2010 – December 2013
- Part Time Lecturer at Hashemite University, January 2008 – January 2009
- Part Time Lecturer at Jerash Private University, January 2008 – September 2008
- Teaching Assistant at the Computer Science Department/KASIT, the University of Jordan:
  - Second Semester, 2006/2007
  - First Semester, 2006/2007
  - Second Semester, 2005/2006

## Research Interests and Specialization:

Software Engineering in healthcare, Service Oriented Architecture, Business Intelligence, Business Process Management, Complex Event Processing, Cloud Computing, Mobile Learning, Human Computer Interaction and Software Usability

## Publications:

- A. Aloqaily, M. Al-Nawayseh, A. Baarah, Z. Salah, M. Al-hassan and A. Al-Ghuwairi, "A Neural Network Analytical Model for Predicting Determinants of Mobile Learning Acceptance", **ACCEPTED** for publication in the International Journal of Computer Applications in Technology
- A. Al-Ghuwairi, Z. Salah, A. Alsarhan, S. Al Qudah, G. Al Qahmous, **A. Baarah** and A. Al-Oqaily, "Monitoring and modelling service level agreement of multiple virtual machines in cloud computing", International Journal of Business Information System, 27(4), 2018.
- Z. Salah, A. Al-Ghuwairi, A. Aloqaily, **A. Baarah**, A. Alsarhan, "A Comparative Investigation of Approaches for Web Search Results Clustering", **ACCEPTED** for publication in the International Journal of Advanced Intelligence Paradigms.
- Z. Salah, A. Al-Ghuwairi, A. Aloqaily, **A. Baarah**, B. Qadoumi, M. Alhayek and B. Alhijawi, "A Systematic Review on Opinion Mining and Sentiment Analysis in Social Media", **ACCEPTED** for Publication in the International Journal of Business Information Systems.
- M. Al-Nawayseh. **A. Baarah**, M. Alnabhan, S. Almasaeed, "Mobile Learning Adoption in Jordan: Technology Influencing Factors", **ACCEPTED** for publication in the International Journal of Networking and Virtual Organizations.
- M. Mokahhal, **A. Baarah**, L. Peyton, "A Layered Model Approach for Care Process Monitoring", In Proceedings of 8<sup>th</sup> International Conference on Information and Communication Systems, April 4-6, 2017, pp. 98-103.
- A. Ghuwairi, H. Eid, M. Aloran, Z. Salah, **A. Baarah** and A. Al-Oqaily, "A Mutation-Based Model to Rank Testing as a service (TaaS) Providers in Cloud Computing", In Proceedings of the International Conference on Internet of Things and Cloud Computing, Cambridge, United Kingdom, March 22-23, 2016
- A. Ghuwairi, M. Khalaf, L. Al-Yaseen, Z. Salah, A. Alsarhan and **A. Baarah**, "A Dynamic Model for Automatic Updating Cloud Computing SLA", In Proceedings of the International Conference on Internet of Things and Cloud Computing, Cambridge, United Kingdom, March 22-23, 2016
- L. Peyton, J. Bindra, **A. Baarah**, A. Chamney and C. Kuziemy, "A Bounded Health Information Technology System Design Approach to Support Community-Based Care Delivery", International Journal of Cloud Applications and Computing (IJCAC), 5 (1), pp. 32 – 45, 2015
- P. Mata, **A. Baarah**, C. Kuziemy and L. Peyton, "An Application Meta-model for Community Care", In the Proceedings of the 1<sup>st</sup> International Workshop on Metamodelling for Healthcare Systems, 37, pp. 465 – 472, Halifax, Canada, 2014
- **A. Baarah**, C. Kuziemy, A. Chamney, J. Bindra and L. Peyton, "A Design Strategy for Health Information Systems to Address Care Process Management", In

Proceedings of the 5<sup>th</sup> IEEE International Conference on Information and Communication Systems, April 1-3, 2014.

- O. Baderddin, **A. Baarah**, L. Peyton, “Analytics Driven Application Development for Healthcare Organizations”, In Proceedings of the International Conference on Health Informatics, pp. 135-142, March 3-6, 2014.
- **A. Baarah**, O. Baderddin, A. Mouttham and L. Peyton, “An Application Meta-Model for Real Time Monitoring of Care Processes”, International Journal of Advanced Computer Science, 4 (5), pp. 203-213, 2015
- S. Baffoe, **A. Baarah**, and L. Peyton, “Inferring State for Real-Time Monitoring of Care Processes”, 5<sup>th</sup> International Workshop on Software Engineering in Healthcare, at the International Conference on Software Engineering (ICSE 2013), San Francisco, May, 2013.
- L. Peyton, A. Mouttham, K.A. Ali, **A. Baarah**, H.T. Mouftah, “Real-time Analytics and Quality of Care”, Handbook of Systems and Complexity in Health., Springer, pp. 495-519, 2013.
- B. Hammo, A. Sleit, **A. Baarah** and H. Abu-Salem, “ A Computational Approach for Identifying Quranic Themes”, International Journal of Computer Processing of Languages, 24 (2), 2012
- **A. Baarah**, and L. Peyton, “Engineering a State Monitoring Service for Real-Time Patient Flow Management”, 9<sup>th</sup> Middleware Doctoral Symposium of the 13<sup>th</sup> ACM/IFIP/USENIX International Middleware Conference, Montreal, Canada, 2012.
- **A. Baarah**, A. Mouttham, L. Peyton, “Architecture of an Event Processing Application for Monitoring Cardiac Patient Wait Times”, International Journal of Information Technology and Web Engineering, vol. 7, no. 1, pp. 1-16, 2012.
- **A. Baarah**, A. Mouttham, L. Peyton, “Improving Cardiac Patient Flow Based On Complex Event Processing”, IEEE Jordan Conference On Applied Electrical Engineering and Computing Technologies, Amman, Jordan, December 2011.
- Sleit, A., AlMobaideen, W., **Baarah**, and A., Abusitta, A. (2007). "**An Efficient Pattern Matching Algorithm**", Journal of Applied Sciences, 7 (18), pp. 2691-2695.
- Abusitta, A., **Baarah**, A., and Sharieh, A. (2007). "A Water-Saving Technique Based on Distributing of Prime Numbers over Integers", Proceeding of the 1st International Conference on Digital Communications and Computer Applications, Vol. 1, Irbid, Jordan, March 19-22, pp. 11-16.

## **Thesis Supervision**

- Sahem Alodwan. Master Thesis, Hashemite University, Jordan.  
**Title:** “Study the Impact of Usability on User Acceptance of ERP System”, April 2018
- Abdelsalam Alhabahbeh. Master Thesis, Hashemite University, Jordan.  
**Title:** “Usability Evaluation and its Impact on User Acceptance of E-Learning System”, April, 2018

## **Posters:**

- **A. Baarah**, S. Baffoe, A. Mouttham, and L. Peyton, “State Monitoring Service for Real-Time Patient Flow Management”, Poster, CASCON 2012, Toronto, Canada, November, 2012.
- A. Mouttham, **A. Baarah**, L. Peyton, and R. Giffen, “Business Process Management and Analytics for Real-Time Patient Flow Management”, Poster, CASCON 2011, Toronto, Canada, November, 2011.

## **Training session:**

- August 22, 2006 to September 12, 2006, Matlab Programming. Internet and Computer Club, University of Jordan.
- July 24, 2005 to September 1, 2005, Microsoft Training at ExecuTrain in the following area:
  - Visual Basic.net
  - ADO.net
  - Asp.net
- From May 25, 2005 to June 26, 2005, Special Training by Umniah Telecommunication Company.
- Self Training on ORACLE DEVELOPER 9i, during the summer 2004.
- May 5, 2004, ICDL Training.
  - ICDL Certificate from UNISCO on July 5, 2004.
- July 20, 2003, Java Programming at Dalia Institution for Information Technology.
- January 26, 2003, Visual Basic at the Consultant Center of the South Region (Mu'tah University).
- December 6, 2002, Computer Maintenance (Practical Training) at the Consultant Center of the South Region (Mu'tah University).

## **Teaching Experience:**

- Management Information Systems (MIS) at University of Jordan
- C++, Object Oriented Programming, Java, Multimedia, Graphical User Interface Design and Implementation, Human Computer Interaction (HCI) and Software Engineering, Object Oriented Software Development at Hashemite University / Jordan.
- C++ and Software Packages at Jerash Private University / Jordan.

## **Skills:**

- Knowledge in designing web page using HTML.

- Knowledge in programming language as follows:
  - C++
  - Visual Basic
  - Visual Basic.Net
  - ADO. Net
  - ASP. Net
  - Java
  - Grails
- Knowledge in Database (Oracle Developer 9i, ACCESS).
- Knowledge in Macromedia Flash Professional 8.
- Knowledge in IBM Business Process Management
- Knowledge in IBM Business Events
- Knowledge in IBM Cognos

### **Awards at Mu'tah University**

- College of Science Certificate Honor's list
  - First Semesters of 2001,2002,2003
  - Second Semesters of 2001,2002
- University Certificate Honor's List
  - First Semesters of 2002,2003

### **Languages**

- Arabic: Reading, Writing and speaking (Excellent).
- English: Reading, Writing and Speaking (Excellent).

### **References:**

- Dr. Liam Peyton, Professor, School of Electrical Engineering and Computer Science, University of Ottawa, Ottawa, Canada, Tel: +1613-562-5800 Ext (2122), E-mail: [lpeyton@uottawa.ca](mailto:lpeyton@uottawa.ca)
- Dr. Azzam Sleit, Professor, Department of CS, University of Jordan, Tel: +96265355000 Ext (22572), E-mail: [asleit@ju.edu.jo](mailto:asleit@ju.edu.jo)