

Curriculum Vitae

PERSONAL DATA

Name : Sami Saleh Qawasmeh
Date of Birth : June 2, 1962
Place of Birth : Irbid – Jordan
Languages : Arabic and English
Marital Status: Married
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Education

Ph.D. The University of Banking and Financial Sciences, Amman, Jordan, Major: Computer Information Systems, 2013.

Dissertation Title: "Smart Caching and Replacement Policy for Web Caching in a Dynamic User Environment."

M.S. Atlanta University, Atlanta, GA, U.S.A. Major: Computer Science, 1989.

B.S. Mercer University, Atlanta, GA, U.S.A. Major: Computer Science, 1987.

Extensive studies in database design, operating system design, artificial intelligence, data mining, Simulation and modeling, Distributed Information Systems, Advanced multimedia systems, advanced topics in knowledge based systems, advanced topics in E-business, Advanced Topics In Information Systems Security, and software engineering.

Programming Languages:

C, C++, LISP, COBOL, Pascal, FORTRAN, BASIC, Assembly, Visual Programming, HTML, Java, C#, and other languages.

Databases Systems:

Oracle , FoxPro, Dbase III+, Dbase IV, and Visual Databases.

Networks: Windows NT, Windows Workgroup, and Novell Netware.

Experience

1- Chairman of Computer Science Department, Faculty of Science and Information Technology, Jadara University, Oct., 2013-current.

2- Assistant Professor: Jadara University, Irbid, Jordan, August 2013-current.

3- Instructor: Jadara University, Irbid, Jordan from 8/2009 till 8/2013.

4- Instructor: Irbid Private University, Irbid, Jordan from 1/2000 till 8/2009.

Teaching different undergraduate courses in computer science and computer education departments such as:

- Operating Systems.
- User Interface Design, Implementation, and Evaluation
- Introduction to Information Technology
- Computer Skills (2) - C++ programming language.
- Programming Language (1) – Visual BASIC and C++.
- Programming Language (3) - Advance Visual BASIC.
- Computer Graphics using BGI and OpenGL.
- Computer Graphics for computer education major.
- Pascal Programming Language.
- Data Structures.
- Modeling and Simulations
- Information System Security.
- Object Oriented Programming.
- Compiler Design
- Human Computer Interaction
- Supervised students' graduation projects

5- Secretary of the Council of the Computer Science Department, Irbid Private University, Irbid, Jordan from 9/2001 to 9/2003 and from 10/2007 – 8/2009

6- Participated in the following committees at Irbid Private University:-

- a) “Establishment of Science & Information Technology Faculty Committee”.
- b) “Preparing Courses description in both English and Arabic Languages for the Faculty of Science and Information Technology Departments Committee”.
- c) “Preparing the computer skills evaluation examination for newly admitted students committee”.
- d) Member of the Faculty of Science and Information Technology Council, Irbid Private University.

7- First Computer System Inc. Atlanta, Georgia, U.S.A. 89-93.

- Developing software for the company and customers.
- Building computers
- Handling technical question.

8- Computer Lab Assistant, Mercer University, Atlanta Georgia, U.S.A.

- Assisted student-writing programs in several languages on the VAX-780 and personal computers.
- Familiarize new students with VAX-780 computer system.

PUBLICATIONS

- 1) Sami Qawasmeh , and Arwa Zabian, *Three-tier caching and replacement technique for Peer-to-peer mobile web caching*. Int. J. Wireless and Mobile Computing, Vol. 9, No. 2, pp.161–169, 2015.
- 1) Arwa Zabian, Ahmed Ibrahim and Sami Qawasmeh, *Virtual Explorer: a Path Prediction Algorithm for Intelligent Transport Systems*. Journal of Computer Engineering and Intelligent Systems, ISSN (Paper) 2222-1727 ISSN (Online) 2222-2863, 2014.
- 2) Sami Qawasmeh and Ezz Hattab, *A Survey of Replacement Policies for Mobile Web Caching*, accepted for publication by the International Journal of Mobile and Adhoc Networks (IJMAN), 2013.
- 3) Haboush, A. and S. Qawasmeh, *Parallel sequential searching algorithm for unsorted array*, Research Journal of Applied Sciences, Vol. 6, No. 1, pp70-75, 2011.
- 4) Raed Sahawneh, Ahmed Ibrahim, Sami Qawasmeh, Arwa Zabian, *Authentication Method Using Hand Images for Access Control systems*, International Arab Journal of e-Technology, Vol. 1, No. 4, PP 115-120, 2010.
- 5) Mwaffaq A.Abu Al hija, Arwa Zabian, Sami Qawasmeh and Omer H. Abu Al haija, *A Heapify Based Parallel Sorting Algorithm*, *Journal of Computer Science* Vol. 4. No. 11, pp 897-902, 2008.
- 6) Sami Qawasmeh, Hamed Al-Rjoub, Arwa Zabian. *Electronic Monitoring: The Jordanian Employees Point of view*. Journal of Social Sciences Vol. 4. No. 3, pp 189-195, 2008.
- 7) Hamed Al-Rjoub, Sami Qawasmeh, Arwa Zabian. *Parallel Sorting and Merging Algorithm (PSMA)*. Journal of Institute of Mathematics & Computer Science (Computer Science Series), Vol. 19. No. 1, pp 69-79, 2008.
- 8) Sami Qawasmeh, Ahmad Odat, Hamed Al Rjoub, *Parallel Matrix Representation-Quicksort Algorithm (PMRQ)*. Journal of Institute of Mathematics & Computer Science (Computer Science Series), Vol. 18. No. 2, pp75-89, 2007.

- 9) Arwa Zabian, Sami Qawasmeh. *Web Caching in Mobile Environments*, Mobile Computing and Wireless Communications International Conference (MCWC), Amman-Jordan, 17-20 September 2006.
- 10) Sami Qawasmeh, Hamed Al-Rjoub, Khalid Khniefes. *Computer Systems Automation*, 2nd Mathematical and Computer Science Conference, Irbid National University, 2002.