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EDUCATION:

PhD, Electrical& Computer Engineering, Purdue University

Graduation date: 8/2013

Concentrations: Performance Evaluation, High performance Computing, Autoparallelization

MS, Electrical& Computer Engineering, University of Kentucky

Graduation Date: 12/2008

Concentrations: Performance Evaluation, High performance Computing

B.S. with honors in Computer Engineering, Jordan University of Science and Technology

Graduation Date: 7/2004

Rank: (7) out of 75 over graduation year 2004

PROGRAMMING SKILLS:

- VHDL & Verilog programming, System Verilog, E language.
- C, C++, Visual C++, C#, java, Embedded C, Eclipse, Python, Perl.
- GPUs Programming using CUDA and AMD streaming
- MatLab
- Oracle, SQL, PL/SQL, MYSQL.

WORK EXPERIENCE :

08/2015-now : Assistant Professor- Computer Engineering Hashemite University

08/2013- 2015 : Component Design Engineer- Intel Corporation

09/2012-05/2012: Software Engineer- Intel Corporation

06/2012-08/2012: Performance Engineer-Argonne National Lab-Illinois

08/2011-06/2012: Full Time student-Research Assistant-Dept of Electrical and Computer Engineering-Purdue University. Main research area: Performance Evaluation and Tuning, Compilers

01/2008-05/2008: Research Assistant- Cypress Semi-conductors

Investigation in power dissipation in modern CMOS circuits.

08/2007-05/2008: Full Time Student -Research Assistant-Dept of Electrical Engineering-University of Kentucky. Main research area: High Performance Computing, Performance Evaluation

05/2005-08/2005: Systems developer-Dept of Mechanical Engineering-University of Kentucky

Main responsibilities include building animation using dream weaver application for Research project

03/2005 – 12/2006: Lab Instructor –Dept. of Computer Engineering, Jordan University of Science and

Technology. Main duties include Maintaining high performance multimedia Lab, assisting instructors in classes held in the lab. This includes Numerical Methods, System Programming, and Hardware Description Languages

10/2004 – 03/2005: Database System Developer -Computer Center, Hashemite University, Jordan.

The center is responsible for developing and maintaining administrative applications for the university like student Advisor System, Class Registration System, Financial System and Audit System. All applications are considered database systems and were developed using Oracle 9i.

My group duties was to maintain these systems , adding new features based on customer request and training customers (employees, students, professors) on using these systems.

7/2004-10-2004: Web developer- Dept- IT: Jordan University of Science and Technology. Main responsibilities include Web development using PHP, MY-SQL, Dream wavers, and fireworks.

ATTENDED CONFERENCES:

-11/2012: Supercomputing Conference 2007-(Lake Salt City)

-3/2010: International Workshop on OpenMP-(Chicago)

-11/2007: Supercomputing Conference 2007-(Reno)

-5/2007: Kentucky Satellite (KySat) Conference-(Lexington)

MEMBERSHIPS:

-IEEE

-Kentucky Satellite (KySat)

-Jordan Engineers Associate (JEA)

-Gill Heart institute- university of Kentucky Hospital

-Office of International Affairs Volunteers (OIA) –University of Kentucky

- Graduate Engineer Society- Purdue University

HONORS and AWARDS:

Purdue ECE Research Assistant Grant 2012

Kentucky Graduate Scholarship (KGS) 2007,2008

Kentucky Graduate School Research grant .2007

James F. Hardymon Organization Scholarship 2008

Hashemite University Scholarship 2007-2012

Dean Owner List, Jordan University of Science and technology,1999,2000,2002,2004

LANGUAGES:

English, Arabic

PUBLICATIONS:

Performance Analysis and Tuning of Automatically Parallelized OpenMP Applications. IWOMP2011

Portable Section-level Tuning of Compiler Parallelized Applications. SC2012

The Cetus Source-to-Source Compiler Infrastructure: Overview and Evaluation: IJPP2012

PETRA: Performance Evaluation Tool for Modern Parallelizing Compilers: IJPP2013

REFERENCES:

Will be provided upon request