

Uthman Al-Saiari

Objective

Continue my education and research of interest

Experience

Oct 2001 – Present King Fahd University of Petroleum & Minerals
Computer Engineering Department, Dhahran, SA

Graduate Assistant

Task Assigned:

- Introduction to Computer Engineering Lab (Teaching and Lab Manual Development)
- Digital Systems Design Lab
- Computer Organization & Architecture Lab

Nov 1997 – Oct 2001 Saudi Aramco (Oil Company) , Dhahran, SA

Saudi Aramco Sponsored Student Nov 1997 - Feb 1999

- Sponsored by ARAMCO to get the B.Sc in Computer Engineering from KFUPM

Petroleum Engineering Applications System Analyst Feb 1999- Oct 2001

Worked on several projects including:

- Developing database applications, Petroleum Engineering applications and web enabled applications
- Involved in several team projects
- Supporting Petroleum Engineering Users by giving training on different applications
- Set up local area networks in remote areas
- Handheld PCs and PDA Wireless Application

Summer 1998 Saudi Aramco (Oil Company) , Dhahran, SA

System Analyst

- Developed two VB application for Well Logging Billing System

Education

1993 - 2003 King Fahd University of Petroleum & Minerals
Computer Engineering Department, Dhahran, SA

B. S. Degree in Computer Engineering in Feb 1999

- GPA 3.706 on 4.0 scale
- Top 2% of my class and was on the Dean's list

Projects Accomplished:

- Performance Evaluation of GaAs Circuits
- Fault tolerance in CMOS VLSI circuits
- Smart Card Design
- Internet search engines techniques
- Videoconferencing over the internet: Performance Optimization

M. S. Degree in Computer Engineering (Defended in Aug 2003)

- GPA 3.688 on 4.0 scale
- Thesis title "Digital Logic Design Through Simulated Evolution (SimE) Algorithm"

Projects Accomplished:

- Novel Design of Multiplier Accumulator (MAC) using 4,2 Adders
- Fault Tolerance in Multi-Computer Networks
- Efficient Location Management Technique for Mobile Computing
- Enhancing Security in GSM Network
- Sequential Circuits Optimization for Power and Delay
- System-on-chip Testing

Additional Training and Courses by Saudi Aramco

- Petroleum Engineering Training Program (Sep 2000 – Apr 2001)
- Creative and Innovative Thinking
- Java Programming
- Accelerated Reading
- Time Management and Business Report Writing
- Business Presentation
- Interpersonal Communication
- Certified NetObjects Developer
- Visual Basic Programming and Oracle Database Developer

Publications

- Mostafa Abd-El-Barr, Sadiq M. Sait, Bambang A. B. Sarif, **Uthman Al-Saiari**, "A Modified Ant Colony Algorithm for Evolutionary Design of Digital Circuits". IEEE Congress on Evolutionary Computation, Canberra, Accepted in July 2003.
- Sadiq M. Sait, Mostafa Abd-El-Barr, **Uthman Al-Saiari**, Bambang A. B Sarif, "Digital Circuit Design Through Simulated Evolution (SimE)". IEEE Congress on Evolutionary Computation, Canberra, Accepted in Jul 2003.

Tools Usable

- C, Pascal, Fortran, VB and Java.
- VHDL, SIS and Magic.
- MATLAB.
- Web Development tools and Database Applications.

Memberships

IEEE, IEEE Computer Society and IEEE Reliability Society.

Personal Information

- Married and have 2 daughters.
- Hobbies include swimming and portfolio management.
- Travels include USA, UK, Egypt, Bahrain, UAE, Qatar, Malaysia, Indonesia and Singapore.
- Languages include Arabic, English and Malay.

References

Personal References available upon request.
