


Curriculum Vitae of

Yahia Abdalla Mohamed Hamad

Date of Birth :	27 February 1968.
Nationality :	Sudanese.
Current Rank:	Associate Professor
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EDUCATION

1997-۲002 PhD. Computer Science.
Sudan University of Science and Technology. Sudan.

1995-1996 M.Sc. in Computer system (First Class Honors)
University of Limerick, Ireland

1986 - 1991 B.Sc. in Computer Science and Automatic Control (Honors).
Department of Electronics and Computer Engineering.
College of Engineering, Ain Shams University, Egypt

1983-1986 Gamal Abdelnasir Secondary School.

1980-1983 Alengelia Preparatory School.

1973-1980 Khartoum Modern School.

EMPLOYMENT HISTORY

Date : Nov. 1991 - Feb. 1992
Job Title : System programmer
Company : DMS (Database Management System Company) Egypt.
Job Description: System programmer for IBM-9370 Mainframe, using COBOL

Date : Jan. 1992 - Oct 1992
Job Title : Maintenance Engineer
Company : ComputerMan Company - Khartoum.
Job Description: Maintenance of PCs and peripherals.

Date : Jan. 1992 - Oct. 1992
Job Title : Teaching Assistance (Part Time),
Institution : ComputerMan College for Computer Studies.
 Computer Engineering Department

Date : July 1992 - Sept. 1994
Job Title : Teaching Assistance
Institution : Sudan University of Science and Technology,
 College of Science, Computer Department

Date : Sept. 1994- Sept. 1995
Job Title : Head of Computer Department, Faculty of Science,
Institution : Sudan University of Science and Technology

Date : Feb 1998 - May 1999
Job Title : Head of Electronics Department, Faculty of Engineering,
Institution : Sudan University of Science and Technology

Date : Feb 1999- Nov. 2000
Job Title : The first Manager of the Computer Center,
Institution : Sudan University of Science and Technology

Date : September 2002 – March 2005
Job Title : Dean of College of Computer Science and Information Technology,
Institution : Sudan University of Science and Technology

Date : July 2007 – Jan. 2008
Job Title : Director of the Distance Education Center,
Institution : Sudan University of Science and Technology

Date : September 2006 – Now
Job Title : Manager of the Computer Center,
Institution : Sudan University of Science and Technology

CONSULTANCY AND IMPLEMENTATION OF ICT PROJECTS

- Project 1:** **System performance and overtime system** for Khartoum state transportation Company). 1993-1997
- Project 2:** **Sudan General Certificate processing system** for Sudan Examination Committee, Ministry of Education. Since 1993 (Still running)

Project 3: UNDP Quality assurance process for the computer science department (2002) for SUST

Project 4: Sudanese Internet Filtering System for National Telecommunication Corporation (2003)

Project 5: Computer for everhome project for National Telecommunication Corporation (2005-2006)

Project 6: E-University Project (2006 - Ongoing)
Team member of the technical committee in Ministry of Higher Education, the committee looks after the ICT Infrastructure of the Sudanese universities.

Project 7: E-Government (2006 - Ongoing)
Team leader of the national technical committee in the National Information Center, the committee coordinate with the companies to build the National Network.

ACADEMIC PROGRAMS AND ACADEMIC COMMITTEES

- 1- A member of many quality and assessment committees to follow the private colleges in Sudan, the committees was assessing more than 20 colleges in different areas.
- 2- Senior Assessor, Computer Science Subject, National Secondary School Certificate, 2005-2007
- 3- An External examiner for more than 10 programs including the following colleges:
 - § College of Technolglal Sciences, Computer Science (3 times)
 - § College of Technolglal Sciences, Computer Engineering
 - § ComputerMan College (2 times)
 - § Elbayan College (2 times).
 - § Port-Sudan College.
 - § Camboni Collge (3 times)
 - § Jordanian College (3 times).
 - § Tahnoun College
 - § Gazera Technical College (2 times)
 - § Canadian College
 - § Garden City College
 - § Sharg Elnile College
- 4- A member of many academic program design committees which include:
 - (a) Sudan University of Science and Technology:
 - § The M.Sc. program in Computer Science,CCSIT, SUST
 - § The M.Sc. program in Information Technology,CCSIT, SUST
 - § The B.Sc. program in Computer Science,CCSIT, SUST

- § The B.Sc. in Computer and Information Systems, CCSIT, SUST
- § The B.Sc. in Computer Systems and Networks, CCSIT, SUST.
- § The B. Sc. In Software Engineering, CCSIT, SUST
- § The B.Sc. in Management Information Systems, college of commercial Studies, SUST.
- § The B.Sc. in Electronics Engineering, College of Engineering, SUST.
- § The B.Sc. in Avionics, College of Engineering, SUST
- § The 2-year Diploma programe in computer Science, SUST.
- § The 3 year diploma in Management Information System, SUST.
- § The 3 year diploma in Information Technology, SUST.

(b) Other Sudanese universities and colleges:

- § Karary Academy, B. Sc. In Computer Engineering, Computer Sciences. And M.Sc. in Computer Science
- § The Model program for a 3 year diploma in Coputer Networking, Ministry of Higher Education.
- § The Model program for a 3 year diploma in Coputer Maintenance, Ministry of Higher Education.
- § El Ma'arifa College, B.Sc. and Diploma programs in Information Technology, E-Coommerce, Networking, ... etc.
- § Elmanhal College, B. Sc. In computer Engineering, Communications Engineering, Diplma in Computer networking and diploma in Computer maintenance.
- § Africa International University, B.Sc. in computer Engineering and Communications.

5- A member and team leader for many committees for the Engineering Council including: Alneelain University, College of Technolglcal Sciences, Manhal College, Aljazeera Technical College, Aljazeera University.

SUBJECTS AND PROJECT SUPERVISION

During the past ten years I was teaching the following subjects (including the laboratories supervision and the tutorial work):

Post Graduate level (Master Degree students):

1. Advanced Computer Networks
2. Networks Security
3. Advanced Computer Architecture.
4. Advanced Operating Systems.
5. Microprocessors and assembly language.

Undergraduate Students:

1. Introduction to computers.
2. Digital Systems
3. Structured programming language.
4. Programming skills.
5. Microprocessor.
6. Assembly Language.
7. Computer Networks.

8. Network Security.
9. Computer Architecture.
10. Operating Systems.
11. Network Technologies.

Project supervision:

During the last five years I supervised many projects (about 60 projects) in different areas in computer science, information technology, and computer engineering inside SUST and with many students outside SUST including: University of Khartoum, Omdurman Islamic university, Karay Academy, Africa University and many private colleges. And supervised not less than 10 M.Sc. students as shown in the table below:

#	University	Title	Students Name
1	SUST	Computer Networks Design, Case Study: SUST, Sep. 2008	NasrEldine Ibrahim Eltayeb
2	SUST	Web Service Security Mechanisms, An analytical Study, Sep. 2008	Eltigani Alfaki Ah
3	SUST	Development of Secure Domain Cont Fraework. Case Study: SUST, Dec.2008	Mohamed Yagoub Geaiger
4	SUST	Enhancing Security Features of the O Source Messaging System (MQ4CPP Jan 2009	Rami Saad Eldine
5	SUST	BroadBand Wireless Access Technolg Case Study: Ariab Mining Company, 2009	Anwer Mustafa M Salih Hilal
6	SUST	Design of an Antifirus, March 2009	Waleed Waheeb
7	Nelain	Firewall Implementation 2004	Mustafa ElGaili
8	Gezera	Internet traffic analysis – 2000	Rudina Shebeika
9	Gezera	Routing protocols 2002	Ahmed Bala
10	SUST	Security Framework inplementation 2009	Mutaz Matar
11	SUST	Security Framework for Router Implementation 2009	Magd Eldine
12	SUST	Honeypot Implementation and testing 2009	Mohamed mahgou

PUBLICATIONS

- Paper on Aspects of Networks Security, Arab World and information Society Forum, UNISCO , Tunisia, May 1997.
http://www.unesco.org/webworld/public_domain/tunis97/com_60/com_60.html
- Computer Networks Policy for the Country, Towards National Information Policy forum, October 1999, Khartoum, Sudan.
- “Digital Logic Design”, Textbook, Sudan Open University, 2007

- “Microprocessors and Assembly Language ”. Textbook, Sudan Open University, 2008
- Abbas Babiker, Kasim M. Al-Hity, Yahia Abdalla, Nafie A-Latif, ”Design, Fabrication and Tesing of Thermistor Detector”, Journal of Engineering Sciences, Omdurman Islamic University, pp81-93, May 2008

COMMITTEES

- Member of the committee of the IT strategy plan for Sudan, 999
- Member of the the Computer Studies Committee, Ministry of Higher Education, Since 1999.
- Member of the National Internet Society, Since 2000.
- Member of the Ministry of Higher Education committee for the technical dipolmas. 2002.
- Member of the technical committee of the IT Fund, NTC
- Member of the acadmic committee, SUST, 2002-2004.
- Member of the Quality assurance Committee, SUST

CONSULTANCIES

- The official consultant of the following organizations:
 - Ministry of Foreign affairs.
 - Ministry of education.
 - Agricultural Bank of Sudan.
 - National Student welfare fund

CURRENT STATUS

- Associate Professor, College of Computer Science and Information Technology, SUST
- Manager of the Computer Center, Sudan University of Sceince and Technology.