

Curriculum vitae

Personal information

Name: Alzahra Abdul Rahman Ali Hassan

Nationality: Sudanese

Date of birth: January 12th 1982.

Marital status: Married

Address: Khartoum - Sudan

Contact: phone: +249-912499493

E-mail: mayadaalex_82@yahoo.com , alzahraabdulrahman@sustech.edu

Objective

A role in which I can utilize my knowledge in electronics engineering and related applications such as satellite, mobile communication and multiple access techniques and in particular in developing telecom technologies.

Study and work hard to learn more, improve myself and my organization.

Get an international experience in one of the most famous organizations in the telecom world

My important target is to provide something to the telecom world

Academic Qualifications

-M.Sc in Communication Engineering- Sudan University of Science & Technology.

Class of award: first class.

Graduation project: Development of Multi-agent Systems for Fourth Generation Mobile Networks.

-B.Sc (HONOURS) in Electronics Engineering –Sudan University of Science & Technology.

Specialization: Telecommunication engineering.

Class of award: **first class**.

Final graduation project: Mobile Based Security System.

Training and Courses

1- A training course at Kolej Pendeta Zaa'ba,Universiti Kebangsaan Malaysia (9/10/2009) training covered the following:

- Emerging Wireless Communication Technologies

2- A training course (Fiber Optic Communication Technology at Significant Technologies SDN BHD, Universiti Kebangsaan Malaysia (6-8/10/2009) training covered the following:

- Optical Fusion Splicing
- Connector Fabrication

3- A training course (Mechatronics Engineering) at Center for Extension Education Universiti Tunku Abdul Rahman, Malaysia (23-29/9/2009) training covered the following:

- Machine Vision
- Industrial Automation
- Mechatronics Design and CAD
- I-Micro-Controller and Interface
- II-Automated Application (Aircraft Inspection)

4- A training course at Canar Telecommunication Company (Sudan) in the Technology Department (3/8-27/8/2008) training covered the following:

- Wireless (planning, operation & maintenance).
- Transmission (planning, operation & maintenance).
- Access.
- Internet Protocol (IP).
- Switching.
- Intelligent Network (IN), Value Added Services (VAS).
- Internet Services (IS).
- Security.
- Customer Technical Support (CTS).

5- A training course at the Sudan Telecommunication Corporation Limited (SUDATEL) in the local Fiber Optics Department (21/9-06/10/2003) training covered the following:

- PCM, PDH and SDH systems.
- A general overview on installation and welding of optical fiber cable.
- A general overview on Pergain Systems, Switches and external network cabling.

6- A training course at Civil Aviation Authority, Khartoum Airport in the Central Repair & flight inspection Unit (3/11-3/12/2002) training covered the following:

- Computer Section: PCs, monitors, printers, UPS and Stabilizer maintenance.
- Telecommunication Section: HF, VHF, UHF, Walk Talk and Repeater.
- Air Navigation Aids System: VOR/DME, ILS/DME, NDB, RDP, Locator Beacon and Radar.

7- A training course at Sudan University of Science & Technology in the computer center. Course covered the following:

- Computer hardware & networks.
- Software installation & Application programs.
- Viruses attach & Program troubleshooting.

Work Experience:

-At Sudan University of Science & Technology Electronics Engineering Department as Lecturer, job covered the following:

- **Subjects teaching**
- **Graduation project supervision**
- **Assessment and accreditation committee (coordinator)**
- **Department examination committee (member)**
- **Collage catalogue committee (member)**
- **Curriculum preparation committee (member)**
- **College council (member)**

-At HORIZON Technology as Telecom Engineer (January 2008 –June 2008).job covered the following:

- Tracking System Configuration, installation and operation.
- Vehicle Tracking Service provider (calling center).
- Software Troubleshooting.

-At NATCO Integrated Solutions as Telecom Engineer and also as a Marketing Assistant (February 2007 until now) .job covered the following:

- Internet Solution Devices through satellite link (BEGAN & RBEGAN) installation.
- Althoria phones maintenance.
- Marketing Assistant.

- At Sudan University of Science & Technology Electronics Department as Lecturer Assistant (January 2005 -2009) .job covered the following:

- Teaching many subjects (programming language: C, C++, assembly, MATLAB, XML. Courses: control systems, DSP, DIP, micro processor, digital and analogue circuits, digital and analogue communication).
- Labs equipment maintenance (circuits, measurement devices and tools, links, computers).
- Application programs & software installation.
- Results system & different management activities.

I built strong leadership capabilities such as I was an effective team player, hard worker who meets dead lines ,well motivated, willing to teach, excellent communicator and positive thinker.

General experience and Interests

Designed several web pages for the Sudan University of Science & Technology Electronics Department,

Designed some commercial programs(accounting, database) for several travel agencies.

My interests are (programming, internet surfing and web page design, and designing little electronics projects).

Particular attributes that I bring to my work include extensive knowledge in fields of electronics engineering technology. Familiar with GSM, mobile & satellite communication, cellular net works, multiple access techniques.

I like to practice wire less communications, so I studied about Microwave, Mobile networks, and wireless local loop

Out standing ability to work as team member

Spoken language

- Arabic
- English

Reference:

Dr.Ahmed Ibrahim Ahmed

Sudan University of Science & Technology – College of Engineering Dean

Mobile: +249912359377

E-mail: kmmm_ahmed@yahoo.com, kmmm_ahmed@sustech.edu