

## *Curriculum Vitae*

### **Muhammed Osama**



#### **PERSONAL INFORMATION:**

**Full Name:** Muhammed Osama Abdou Merghani  
**Date & Place of Birth:** 28<sup>th</sup> Dec 1980 , Khartoum  
**Nationality:** Sudanese  
**Religion:** Muslim  
**Marital Status:** Single  
**Languages:** Arabic (Mother tongue)  
English  
Writing (Excellent)  
Reading (Excellent)  
Speaking (Very Good)  
**Home Town:** Khartoum – Tuti island  
**Present Residence:** Khartoum North – Alhalfaya  
**Military Services:** Completed

#### **CONTACT INFORMATION:**

**Phone Numbers:** 00249-15-325825  
**Mobile Numbers:** 00249-92-0345608  
00249-12-3201919  
00249-92-2283303  
**E-mail address:** [moam22@gmail.com](mailto:moam22@gmail.com)  
**P.O.Box:** 382  
Omdurman Islamic University  
Republic of Sudan

## **SCHOLASTIC RECORDS:**

**Primary:** 1986 – 1992  
Sultan Ben Zayed Primary School  
Alain  
United Arab Emirates

**Preparatory:** 1993-1995  
Islamic Scientific Institute  
Alain  
United Arab Emirates

**Secondary:** 1996-1999  
Islamic Scientific Institute  
Alain  
United Arab Emirates

## **ACADEMIC QUALIFICATION:**

**BSc degree:** Electrical and Computer Engineering  
Faculty of Engineering Sciences  
Omdurman Islamic University  
Republic of Sudan  
Date of award: Sept 2004

**MSc degree:** Communication Engineering  
Faculty of post graduates  
Sudan University for Sciences and Technology  
Republic of Sudan  
Date of award: March 2016

## **OBJECTIVES:**

- Work in a career oriented organization, offering long-term career prospects can utilize my skills and for opportunities for future professional.
- Work with a professional management in the area of telecommunication, computer networks and IT.
- Advancement achievements and expand the horizon of knowledge in functional areas.
- Improve and develop engineering, computer sciences and IT student's knowledge.
- Working in challenging tasks with a desire to deliver services to customers.

## **TRAINING PROGRAMS:**

- **MS-Office Applications “Word, Excel, Power Point, Access, Front Page, Publisher, one note and Outlook express”, Al-Moheet Institute, SUDAN1999.**
- **Analog and Digital Electronic Laboratories, Faculty of Engineering Sciences, Omdurman Islamic University, Republic of Sudan.**
- **IPv6, Ministry of Communication, Republic of Sudan, 2010.**
- **Computer networks and operating systems “CCNA, MCITP, RHCL, Exchange server, Ethical Hacking”, Zoom international institute, India 2012.**
- **Academic Subjects Review, Faculty of Engineering Sciences Development Project, Omdurman Islamic university, 2015.**
- **Using Instructional technology in university teaching, Khartoum University Center for Advanced Training, Sudan, Aug 2018.**
- **Measurement and Evaluation, Khartoum University Center for Advanced Training, Sudan, Sep 2018.**
- **Basics of Scientific research, Khartoum University Center for Advanced Training, Sudan, Oct 2018.**

## **WORK EXPERIENCE:**

- **Lecturer and Department Head: Electrical and Engineering Department, Faculty of engineering, Eldaein University, 2018-present.**
- **Learning Management Systems (Moodle) trainer: 2017-present.**
- **Lecturer: Faculty of engineering sciences, Omdurman Islamic University, 2004 - 2017.**
- **Lecturer: Faculty of human development, Omdurman Islamic University, 2004 - 2016.**
- **Lecturer: Faculty of engineering, Almanhal Academy, 2009.**
- **Lecturer: Faculty of engineering, Jordanian University, 2010.**
- **Lecturer: Faculty of engineering, Alzaim Al azhary University, 2012- 2014.**
- **Lecturer: Faculty of human and technical development, Omdurman Ahlia University, 2009- present.**
- **Lecturer: Faculty of engineering and architecture, Omdurman Ahlia University, 2010- present.**

- **ICT Specialist: Faculty of engineering sciences development project, Omdurman Islamic University 2010-2015.**
- **Academic Subject review unit secretary: Faculty of engineering sciences development project, Omdurman Islamic University 2010-2015.**

### **TEACHING SUBJECTS:**

- **Mathematics: Calculus, Linear algebra, numerical analysis, discrete mathematic, statistics and probability.**
- **Computer Sciences and IT: Principle of computer, programming languages, operating systems, introduction to database, network administration, Linux, Multimedia, Profession ethics.**
- **Engineering subjects: basic of engineering, technical writing and research methodology.**
- **Electrical Engineering: Electrical extensions, DC and AC Circuits, Electrical networks, principles of power system, Renewable energy.**
- **Electronic Engineering: Analog and digital electronic circuits, digital integrated circuits.**
- **Control Engineering: principles of control system, neural networks, artificial intelligence.**
- **Signal processing: signal and systems, digital signal processing, digital image processing, Radio and TV systems.**
- **Computer Engineering: computer maintenance, Information theory and coding, Computer organization, Microprocessor principles, computer networks, data communication.**
- **Communication Engineering: analog communication, digital communication, antenna and wave propagation, microwave devices, wireless communication, satellite and mobile communication, radar engineering, fiber optic communication, switching and traffic theory.**

### **MOTIVATION:**

- **An enthusiastic, adaptive and fast-learning person with a broad and acute interest in the discovery of new communication engineering technologies.**

- I particularly enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges.

### **RESEARCH FIELDS INTERESTS:**

- Antenna and wave Propagation.
- Satellite Communications.
- Mobile Telecommunication.
- Wireless Sensor Networks.
- Fiber optic communication
- Artificial intelligence and Neural networks.
- Computer Networks.
- Electronic Learning (E-learning).

### **SKILLS**

- Presented data clearly and confidently to both small and large groups, at home or abroad, in Arabic as well as in English, adapting style and content to the level of knowledge and understanding of others.
- Working on Windows and Linux network operating systems.
- Installing, configuring and troubleshooting router (Cisco system).
- Familiar with all office applications.
- Network, Monitoring & management software.
- Engineering Simulators such as MATLAB and EWB.
- MOODLE.

### **REFERENCES:-**

- [1] Prof. Mustafa Ahmed Hassan  
Associate Professor  
College of engineering and architecture, Dean.  
Omdurman Ahlia University.  
Mobile: 00249-91-5507416
- [2] Dr. Osman Mudathir Elfadel.  
Associate Professor  
Faculty of engineering sciences  
Omdurman Islamic University  
E-mail: Osman667@yahoo.com  
Mobile: 00249-91-2912505