

**Miss. Majda Omer Elbasheer Ali - Curriculum Vitae**

**Lecturer, Department of Computer Systems and Networks, College of Computer Science and Information Technology Sudan University of Science and Technology.**

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Place of Birth: Nyala, Sudan

Citizenship: Sudanese

Current occupation: Lecturer/ Head Department of Computer Systems and Networks

**Education:**

2012: Khartoum University, M.Sc, Computer Science, Department of Computer Science, Faculty of Mathematical Sciences.

30/5/2010 to

10/8/2010: Sudatel Telecommunications Academy, Diploma in Telecommunications Professional with Excellent Grade

2004-2008: Sudan University of Science and Technology, B.Sc in Computer Systems and Networks (Honors) (First Class). Department of Computer Systems and networks, College of Computer Science and Information Technology.

**Academic Positions:**

2013 International University of Sudan, Faculty of Computing and Information Systems/Networks, Lecturer.

2012-2014 Sudan University of Science and Technology, Department of Computer Systems and Networks, College of Computer Science and Information Technology, Lecturer.

2008-2011 Sudan University of Science and Technology, Department of Computer Systems and Networks, College of Computer Science and Technology, Teaching Assistant.

2010-2011 University of Al Rebat, Teaching Assistant

2009 University of Al-Neelean, Teaching Assistant.

### **Academic Grants and Awards:**

2012: Sudan University of Science and Technology, Scholarship to pursue master studies in Computer science In University of Khartoum.

### **Conference Presentations:**

“Enhanced Model for PKI Certificate Validation in The Mobile Banking”. Presentation International Conference on Computer, Electrical and Electronics Engineering (ICCEEE 2013) August 2013.

### **Research and Publications:**

*Majda O. Albasheer , Eihab B.M. Bashier, “Enhanced Model for PKI Certificate Validation in The Mobile Banking”. ICCEEE 2013. IEEE, Sudan.*

Master thesis: “Mobile Banking Security based on Micali’s NOVOMODO System,” Supervisor: Dr. Eihab B. Mohammed Bashir.

Final year project: “Firewall Implementation in Network Simulation program (NS2), (Case study: SUST Network)”, Supervisor: Dr. Mohammed Awad

### **Subjects and Project Supervision:**

As a lecture, I taught Information and Network Security, Distributed Systems and Network analysis and Design courses. In addition, Advanced Linux Administration and Operating System courses.

Furthermore, before two years ago I was a tutor the following subjects including the laboratories:

- Network analysis and design.
- C language and Network Programming.
- Network services under Linux.
- Distributed Systems and parallel Computing.
- Java language (Fundamentals and programming methodologies).
- Computer Networks (cabling, switching, routing).
- Modeling and simulation.
- ICDL, IC3 (internet and computing core certification).
- Data Structure and Oracle Databases.

Moreover, I worked as Co. supervisor for the following undergraduate projects:

- Simulation and Analysis of ATM network in Sudan.
- Analysis and Design for Sust network.

- Security Assessment for Sust network (penetration Testing).

### **Activities:**

- 2013: I was a member of Organizing Committee in the 14th International Arab Conference on Information Technology (ACIT).
- June 2009: I participated in the workshop of Free and Open Source Software in Sudan.
- December 2008: I participated in the Scientific Forum for students of engineering and computer.

### **Courses and Training**

- October 2010: Workshop of AfriNIC team about IPv6, By Sudanese National Authority for Communications.
- 23/5/2010-3/6/2010: Ethical Hacking and countermeasure ver 5.0 Course (CEH), by Information Technology incorporation ITInc (ISO9001:2000).
- 23/5/2010-3/6/2010: Licensed penetration Tester Course (LPT), by Information Technology Incorporation: ITInc (ISO 9001:2000).
- 26/6/2009-30/9/2009: Linux System and Network Administration courses based on RHCE training Courses. Sudan University of Science and Technology, College of Computer Science and Information Technology.
- April 2007: CCNA course, Sudan University of Science and Technology
- April 2006: C language under Linux course, Sudan University of Science and Technology.

### **REFEREES**

1. Dr. Mohammed Awad Elsheikh the Manager of Kusite Company and the previous head of Computer Center of Sudan University of Science and Technology. P.O. Box 407 Khartoum – Sudan. Mob +249912369140.
2. T.Intsar Ibrahim is a Teacher in the Department of computer systems and Networks in College of Computer Science and Information Technology in Sudan University of Science and Technology the previous head of the Department. P.O. Box 407 Khartoum – Sudan. Mob +24991291204.