CURRICULUM VITAE

PERSONAL DETAILS

Name: Muhana Magboul Ali Muslam
Date of birth: 15/11/1982
Cell: +966532810594/ +966595019885
E-mail: muhana@imamu.edu.sa / muhana2@gmail.com

EDUCATION

PhD in Electrical Engineering, University of Cape Town, Cape Town, South Africa, 2012. Thesis Title: "Host Mobility Management with Identifier-Locator Split Protocols in Hierarchical and Flat Networks."

MSc. excellent in Computer Science, University of Khartoum, Khartoum, Sudan, 2006.

B.Sc. (Honour) first in Computer Science, Future University, Khartoum, Sudan, 2003.

EMPLOYMENT HISTORY

 Al-Imam Mohamed Ibn Saud Islamic University

Feb2014-upto date
Information Technology Department, Faculty of Computer Science and Information, Al-Imam Mohamed Ibn Saud Islamic University– Saudi Arabia-Assistant Professor:

• Manages and coordinates the research activities in the Research Group of Wireless Sensors and Computer Networks (WSCN) at the College of Computer Science and Information (CCIS), Al-Imam Mohamed Ibn Saud Islamic University– Saudi Arabia.
• Presents lectures and workshops on the latest advancements in **IT & Telecom**.
• Develops IT curriculums by studying ACM documents and similar IT curriculums implemented in the highly reputed universities in the world as well as analysing recent advances in IT and business.
• Manages the development and quality committee in the IT department.
• Evaluates IT department activities and procedures according to the ABET.
• Proposes organization of scientific events such as conferences, workshops, and training programs.
• Plans and coordinates teaching strategies for many courses, such as computer networking, operating systems, and computational numerical analysis, in the CCIS.

Sep 2013 – Jan 2014.
Computer Science Dept., Faculty of Computer Studies, International University of Africa- Sudan- <u>Assistant Professor</u>

- ➤ Manages the committee of the exams.
- ➤ Plans and coordinates teaching strategies for many courses, such as simulation modelling, compiler designs in the faculty of computer studies.
- ➤ Supervision of undergraduate student's graduation projects.

Sep 2012 – Aug 2013
Shaqra University- Saudi Arabia-<u>Assistant Professor</u>

- ➤ Coordinator of the Scientific Research Committee, Community College (Al-Dawadmi), Shaqra University, Saudi Arabia.
- ➤ Representative of the Community College (Al-Dawadmi), International Academic Program Office, Shaqra University.
- ➤ Coordinator of the Training Unit, Community College (Al-Dawadmi), Shaqra University, Saudi Arabia.
- ➤ Plans and coordinates teaching strategies for many courses, such as computer networking and computer programming using C++.

.

June 2011 – Dec 2012.
Electrical Engineering Department, University of Cape Town- South Africa- <u>Research Assistant</u>

- ➤ Advises new PhD candidates and Masters students in Electrical Engineering department.
- ➤ Participates in and/or leads discussions about the hot topics in the ICT.

➤ Participates in and/or leads work in an organization of scientific events such conferences, e.g., IEEE ICC2010, COE industry seminars, and ITU Kaleidoscope 2011.

Oct 2010 – Dec 2010.
Electrical Engineering Department, University of Cape Town- South Africa- <u>Tutor</u>

➤ Evaluation of students in C++ course.
➤ Training of students about C++ programming language in the lab.

May 2006 – Jul 2008.
The National Centre for Diplomatic Studies (NCDS), Ministry of Foreign Affairs- Sudan- <u>Lecturer and IT manager</u>

➤ Preparing effective strategic IT planning and oversight of IT performance.
➤ Member of the Executive board.
➤ Approve and monitor major projects.
➤ Approve vendors used by the NCDS.
➤ Coordinate priorities between the IT department and user departments.
➤ Representative of the Information Technology Department, the National Centre for Diplomatic Studies, Ministry of Foreign Affairs, Khartoum, Sudan.

Sep 2013 – Jan 2014.
Information Technology and Communication Centre, University of Khartoum- Sudan - <u>Software Engineer (Part-Time)</u>

➤ Plans, designs, and develop applications for the university.
➤ Studies offers and recommends vendors to the manger of the centre.

Jul 2005 – Nov 2005.
Computer Science Dept., Bayan College for Science and Technology- Sudan- <u>Teaching Assistant (Part-Time)</u>

➤ Plans and coordinates teaching strategies for many courses, such as simulation modelling in the faculty of computer studies.
➤ Supervision of undergraduate student's graduation projects.

Jan 2005 – May 2005.

Computer Science Dept., Faculty of Computer Studies, International University of Africa. - Sudan- <u>Teaching Assistant (Part-Time)</u>

- ➢ Plans and coordinates teaching strategies for many courses, such as digital image processing, did in the faculty of computer studies.
- ➢ Supervision of undergraduate student's graduation projects.

Nov 2003 – Oct 2007.

Computer Science Dept., Future University- Sudan- <u>Teaching Assistant and Lecturer</u>

- ➢ Plans and coordinates teaching strategies for many courses, such as simulation modelling, compiler designs, operating systems, design and analysis of algorithms, digital image processing, intelligent systems, and programming languages (C, C++, Pascal, Delphi) in the faculty of computer studies.
- ➢ Supervision of undergraduate student's graduation projects.

• Patent, Original Assignee

Title: System and Method for Mobility Management in a Wireless Communications System.

Publication number US9021104 B2
Publication type Grant
Application number US 13/084,956
Publication date Apr 28, 2015
Filing date Apr 12, 2011
Priority date Feb 28, 2011
Also published as CN103385011A, More »
Inventors Hinghung Anthony Chan, Muhana Magboul Ali Muslam

Original Assignee Futurewei Technologies, Inc.

<u>REFERENCES</u>

Will be furnished upon request