

Curriculum Vitae

Niemah Izzeldin Mohamed Osman

Email: niema.osman@gmail.com

Address: P. O. Box 3297
Khartoum, Sudan

Mobile: + 249 129 300470

Tel: + 249 183 271252

Fax: + 249 183 263716

EDUCATION:

Sep 2005 - Sep 2006

Bradford University, Bradford, UK
MSc with Distinction in Mobile Computing.

Aug 1998 - Aug 2002

Sudan University of Science and Technology, Sudan.
BSc, First Class Honors in Computer Science.

WORK EXPERIENCE:

Dec 2006 - to date

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

Nov 2007 - Dec 2008

Head of Department of Computer Science, College of Computer Science and Information Technology, Sudan University of Science and Technology, Sudan.

Aug 2002 - Sep 2005

Teaching Assistant, Department of Computer Science, College of Computer Science and Information Technology, Sudan University of Science and Technology, Sudan.

TEACHING EXPERIENCE:

Teaching lectures in the following computer science courses:

- Mobile Communications.
- Cellular Systems.
- Principles of Programming Languages.
- Programming Methods.
- Data Structures.
- Concepts of Programming Languages.
- Object Oriented Programming.

Assisting students in laboratories in the practical section of the following courses:

- Data Structures.
- Programming Methods.
- Object Oriented Programming Languages.
- Databases Management
- Numerical Analysis.

RESEARCH INTERESTS:

- Performance modeling of cellular systems.
- Handover optimization.
- Analytical modeling and simulation of QoS measurements for mobile networks.
- Queuing systems.
- Network congestion control.
- Mobile applications.

LANGUAGES:

Fluent speaking, reading and writing of Arabic and English.

PROGRAMMING LANGUAGES:

Java, Pascal, C, C++, Oracle, SQL Server, J2ME, WML, Matlab.

PUBLICATIONS:

Niemah I. Osman, Mike E. Woodward, "A Comparison of Queuing Models for Handover Strategies in Cellular Mobile Telecommunication Systems", AMS, pp. 315-321, Second Asia International Conference on Modeling & Simulation, 2008.

CONFERENCES:

- (1) Second Asia International Conference on Modeling and Simulation, May 2008, Kuala Lumpur, Malaysia.
- (2) Fourth International Working Conference on Performance Modeling and Evaluation of Heterogeneous Networks, September 2006, Ilkley, UK.
- (3) Malaysia International Conference on Languages, Literature, and Cultures, April 2005, Kuala Lumpur, Malaysia.

INTERNATIONAL PARTICIPATIONS:

- (1) Eleventh Innovative Students Conference, August 2008, Lattakia, Syria.
- (2) World Summit Award, December 2003, Geneva, Switzerland.
- (3) Worldwide Mobile Communication & Java Card Developer Contest (SIMagine), February 2002, Cannes, France.
- (4) ACM International Collegiate Programming Contest, November 2001, Cairo, Egypt.

TRAINING:

Designing Educational Books, Distance Education Center, Sudan University of Science and Technology, June 2008.

BOOKS AND TEXTBOOKS:

Author of:

- Programming Using Java, Open University of Sudan, October 2007.
- Java for Beginners, Sudan University of Science and Technology, August 2004.

Coauthor of:

- Elmunhaj in Pascal, Sudan University of Science and Technology, Feb 2000.

PRODUCTS:

- (1) Library System, College of Computer Science and Information Technology, Sudan University of Science and Technology, March 2004.
- (2) Academic and Registration System, Elmanar High School, April 2005.

REFERENCES:

- Dr. Mohamad Alhafiz Mustafa, Dean
College of Computer Science and Information Technology
Sudan University of Science and Technology
P.O. Box 407
Khartoum, Sudan
Tel: 00249 183 780 491
Email: hafiz@sustech.edu

- Dr. Amir Abdelfattah Ahmaed Eisa, Assistant Professor
Department of Computer Systems and Networks
College of Computer Science and Information Technology
Sudan University of Science and Technology
P.O. Box 407
Khartoum, Sudan
Tel: 00249 122 896 738
Email: amir_eisa@yahoo.com

- Mr. John Mellor, Senior Lecturer
Department of Computing, School of Informatics
University of Bradford
Richmond Road, Bradford
West Yorkshire, BD7 1DP, UK
Tel: 0044 1274 233 913
Email: J.E.Mellor@Bradford.ac.uk