Personal information	on
	Elsamani Abd Elmutalib Ahmed Abd Elmutalib
Name	
	(Samani A. Talab)
Field of	Computer Science
specialization	
Mailing address	P.O. Box 12702, Khartoum, Sudan
	00249-999931210 (Day Time)
Telephone No.	00249-912341965 (Home)
1	00249-912131210 (Mobile)
	00249-122407361 (Mobile)
Fax	00249-183-760974
E-mail	prof <u>samani@gmail.com</u>
Homepage	http://www.profsamani.info
Nationality	Sudanese
Residence	Sudan
Born	Tabat, Al-Gazira State, Sudan, Sep. 20,1965
Gander	Male
Family Status	Married, two children (1M & 1F)
Career goal	Ongoing excellence as a researcher and educator in Computer Science.
Languages	Arabic (Mother Tongue), English
Education	
	PhD Computer Science
	Faculty of mathematical science, Dept of Comp. Sc.
Aug 1998 – June 2001	University of Khartoum, Sudan
	Thesis title: "E-Learning algorithms".
	Thesis supervisor: Prof. Awad Haj Ali Ahmed.
May 1993 – Nov. 1995	M.Sc. Computer Science

Faculty of mathematical science, Dept of Comp. Sc.		
University of Khartoum, Sudan		
	Thesis title: "computerized System for statistical evaluation of students results".	
	Thesis supervisor: Prof. Awad Haj Ali Ahmed.	
	B.Sc. (Honor) Computer Science	
Nov 1984 – Nov. 1989	Faculty of mathematical science, Dept of Comp. Sc.	
	University of Khartoum, Sudan	
Computing Skills:		
	kage Moodle, Webct.	
Applications	 Microsoft Office Suite, Internet Explorer. Paint Shop Pro, Dream weaver. several e-mail packages. 	
Programming Langages	 C & C++, Visual c++, Visual c++.net, C#. Pascal, Java, Prolog, Visual basic, Vb.net. PHP, ASP, Oracle ,Ada. 	
Operating Syste	• Linux, Unix, All Window & MS DOS versions	
XML technolog	ies XML, HTML.	
Academic Posit	ion	
Currently	Professor of computer science, Faculty of	
	Computer Science and IT., AL-Neelain University,	
Apr 2015– to Nov	Khartoum, Sudan	
Jan 2012– Apr 201	Academic Secretary, Professor of computer science academic affairs secretariat, AL-Neelain University, Sudan	
July 2008– Jan 201	Dean, Associate Professor of computer science Faculty of Computer Science and Information Technology AL-Neelain University, Khartoum State, Sudan	

Dec 2005– July 2008	Assistant professor, AL-Neelain University, Sudan
Aug 2002 – Nov 2005	Dean founder , Faculty of Computer Science and IT.
	AL-Neelain University, Khartoum State, Sudan
Dec 1998 – July 2002	Director Computer and information Center
	AL-Neelain University, Khartoum State, Sudan
Dec 1997 – Nov 1998	Head of the Department of Computer Science
	AL-Neelain University, Khartoum State, Sudan
Dec 1995 – Dec 1997	Lecturer of Computer Science, Ash Sharq university, Kassala State, Sudan
June 1993 – Nov 1995	During my M.Sc. Part time Lecturer, AL-Neelain University, Sudan
	Teaching Assistant, Department of Computer
Dec 1990 – May 1993	Science
	Ash Sharq university ,Kassala State, Sudan
Publications	
	[1] A.H. Ahmed and Samani. A. Talab "Programming Technique with C++ Part I".
	[2] Samani A. Talab, A.H. Ahmed and M.M. Saeed "numerical analysis"
	[3] Samani A. Talab "Operating system concept" open university of Sudan.
1- Books	[4] A.H. Ahmed and Samani A. Talab "computer science I" 4 th year Basic School, Ministry of Education.
	[5] A.H. Ahmed and Samani A. Talab "computer science II" 5 th year Basic School, Ministry of Education.
	[6] Samani A. Talab "Data structure & algorithms" open university of Sudan.

[7] A.H. Ahmed and Samani A. Talab "computer science" 3 rd year secondary school, Ministry of Education.

[1] Faisal Mohammed Nafie, Samani A. Talab "

Comparative study between workflow tools Case study: Arabdox workflow and Bizagi express", International Journal of Engineering Inventions p-ISSN: 2319-6491 e-ISSN: 2278-7461, Volume 3, Issue 4 (November 2013) PP: 09-17.

[2] Alwalid Bashier Gism Elseed Ahmed, Anas Ali Ballah Ali, Samani A. Talab "Matching User Preferences with Learning Objects in Model Based on Semantic Web Ontologies", International Journal of Engineering Inventions p-ISSN: 2319-6491 e-ISSN: 2278-7461, Volume 4, Issue 3 (August 2014) PP: 09-17.

[3] Faisal Mohammed Nafie, Samani A. Talab "The Role of Processes Re-Engineering and Workflow In The Transformation Of E-Government", International Journal of Computational Engineering Research/Vol, 03//Issue, 10// (October 2013)

[4] Foriaa Ahmed Elbasheer, Samani A. Talab "Forecasting Budget Estimated Using Time-Series", Intelligent Information Management, 2014, 6, 142-148, Published Online May 2014 in SciRes.

http://www.scirp.org/journal/iim

[5] Huthaifa A.A. Ellatif, Samani A.

Talab "Performance Promoting Using Emanagement", International Journal of
Computational Engineering Research/Vol,
03//Issue, 12// (December 2013)

[6] Huthaifa A.A. Ellatif, Samani A. Talab "E-Management: Configuration, Functions and Role in Improving Performance of Arab Institutions and Organization", International Journal of

2- Journals

aafter Professor Computer Applications (p-ISSN: 0975 – 8887) Volume 80 – No.6, (October 2013)

[7] ABD ELZIZ HASSAN KHARSANI, SAMANI A. TALAB and AWAD H. ALI "MODERN HIGH-EFFICIENCY AUTOMATIC CATEGORIZATION ALGORITHM FOR ARABIC CORPUS", International Journal of Computer Science and Engineering (IJCSE), ISSN 2278-9960, Vol. 2, Issue 3, July 2013, 137-152,© IASET

- [8] Mozamel M. Saeed1, Samani A. Talab "The role of E-learning in facing the challenges of the century", Engineering Science and Innovative Technology (IJESIT) Volume 3, Issue 2, March 2014 ISSN: 2319-5967 ISO 9001:2008 Certified
- [9] Nasir M. Ali Yousif, Ahmed Talab, Eltyeb E. Abed Elgabar, Samani A. Talab "Critical Success Factors of Enterprise Resource Planning Systems Implementation in Sudan", IJCSN International Journal of Computer Science and Network, Volume 3, Issue 3,June 2014, ISSN (Online): 2277-5420

www.IJCSN.org

[10] Razi O. Mohammed, Samani A.
Talab "Clinical Data Warehouse Issues and
Challenges", International Journal of u-and eService, Science and Technology Vol.7, No.5 (2014),
pp.251262 http://dx.doi.org/10.14257/ijunnesst.2014.7.5.22

[11] Haytham Ahmed, Samani A. Talab "Impact of E-Tourism in Developing Countries", International Journal Of Advances in Engineering and Management (IJAEM) Volume 1, Issue 6, December - 2014, pp.124-130

http://www.ijaem.org/papers/Vol.1-Issue6/29_EJ0569_16.pdf

إستخدام "السماني عبدالمطلب احمد , أياد محمد مهيوب غالب [12] مجلة "تقنيات تنقيب البيانات لكشف التطفل في شبكات الحاسوب جامعة الناصر مجلة علمية محكمة- نصف سنويه -تصدرها جامعة الناصر، العدد الرابع يونيو-ديسمبر 2014م

ISSN 2307-7662

[13] Bassam Hasan Saghir, Elsamani Abd Elmutalib Ahmed, Abdelmajid H. Mansour, Gafar Zen A. Salh "Comparison of Information Hiding by LSB Using Arithmetical Sequence on different image Format", International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 4, April 2015, ISSN (Online) 2278-1021, ISSN (Print) 2319-5940

DOI 10.17148/IJARCCE.2015.44133

[14] Bassam Hasan Saghir, Elsamani Abd Elmutalib Ahmed, Abdelmajid H. Mansour, Gafar Zen A. Salh "Impact of E-Tourism in Developing Countries", International Journal Of Advances in Engineering and Management (IJAEM) Volume 1, Issue 6, December - 2014, pp.124-130

http://www.ijaem.org/papers/Vol.1-Issue6/29 EJ0569 16.pdf

[15] Bassam Hasan Saghir, Elsamani Abd Elmutalib Ahmed, Gafar Zen A. Salh, Abdelmajid H. Mansour "A Spatial Domain Image Steganography Technique Based on Pseudorandom Permutation Substitution Method using Tree and Linked List", International Journal of Engineering Trends and Technology

(IJETT) – Volume23 Number 4- May 2015, ISSN: 2231 -5381
http://www.ijettjournal.org
[16] Hythem Hashim, Ahmed A. Talab,Ali Satty,and Samani A.Talab

[1] Mustafa ElGili, Samani A. Talab, Awad H. Ali " *WEP and WPA Improvement* " Wireless Sensor Network, Published Online March 2010

http://www.scirp.org/journal/wsn

[2] Abdalla Al-Ameen, Samani A. Talab, *The Technical Feasibility and Security of E-Voting*, The International Arab Journal of Information Technology (IAJIT), Jordan, July 28, 2011

http://www.ccis2k.org/iajit/index.php

[3] Abdalla Al-Ameen, Samani A. Talab, *E-Voting Systems Vulnerabilities*, International Journal of Networked Computing and Advanced Information Management, IJNCM, KOREA

http://www.aicit.org/ijncm

2- Journals

b-after Associate Professor

[4] السماني عبدالمطلب احمد، منير عبدالله سيف " نظام دعم قرار لتقدير المقبوضان والمدفوعات بواسطة السلاسل الزمنية" المجلة العربية الدولية للمعلوماتية، السعودية، يناير 2012

- [5] Samani A. Talab and A. A. Shamog "Quality Standards, Information Systems and The Extent of The Discrepancy in the Evaluation from User to Other in Sudan" Journal of computer studies, Arab Research Councils, Issue No.1, Vol.9, Sep(2009).
- [6] Samani A. Talab and M. Zakriya A. Ammar "Security Protection Against Possible Dangers on Computer Networks: An Analytic-Survey Study" Arab Journal for Security studies, Issue No.56, Vol.28, Nov./Dec (2012). Published by: Naif Arab University for Security Sciences Riyadh.

ISSN 1241 - 1319

[7] M.M. Saeed, Samani A. Talab and Awad H. Ali "Using GIS in Urban expansion—Khartoum

State "Journal of computer studies, Arab Research Councils, Issue No.1, Vol.11, Jan(2013).

[8] M.M. Saeed, Samani A. Talab and Awad H. Ali " تطبيق مفاهيم الاستنباط المكاني باستخدام نظم المعلومات الجغرافية وجوجل ايرث في بناء خريطة ثلاثية الأبعاد – بالتطبيق الجغرافية وجوجل ايرث في بناء خريطة ثلاثية الأبعاد – بالتطبيق المخرافيم Nile Basin Research Journal, Issue No.15, Vol.11, Jan(2012). ACCEPTANCE LETTER

[9] Samani A. Talab and Thoyba A. Ali " قاعدة البيانات لاختبارات المواد والتربة للاستخدام كمواد لرصف Red Sea University Journal. ACCEPTANCE للاستخدام Dec(2012).

[10] Samani A. Talab and Thoyba A. Ali ' إدارة المصادر الطبيعية وتنمية البنية التحتية في ولاية البحر الحمر المصادر الطبيعية وتنمية البنية التحتية في ولاية البحر الحمر The Graduate College Journal. ACCEPTANCE LETTER Dec(2012).

[11] S. A. Talab and A. A. A/Rahman "comparison between WEB Servers (closed and open source)" Scientific Journal for commerce and Economic & Social Studies, Biannual Periodical, Scientific & Refereed, Issue No.2, Vol.1, June(2012).

ISSN 1858 – 6376.

[12] Samani A. Talab and Fatima A. H. Ali " تحليل " White Nile " وتصميم البيئة الإلكترونية للمؤسسات التعليمية or science and technology Journal. ACCEPTANCE LETTER Dec(2012).

[13] Samani A. Talab and Fatima A. H.
Ali "Readiness of countries for E-learning and the economic and social benefits expected with special reference to the experience of the Sudanese" AL-Gadarif University for science and Arts Journal. ACCEPTANCE LETTER Dec(2012).

[14] M.M. Saeed ,Samani A. Talab and Mammdouh M. Moh. " استخدام نظم المعلومات الجغرافية في اثر الطرق علي المعلومات الجغرافية في اثر الطرق علي الحوادث المرورية (دراسة حالة منطقة الخرطوم المعلى المعلومات المرورية (دراسة حالة منطقة الخرطوم المعلى ال

[15] Samani A. Talab and Huthaifa A. Ali ' إدارة المصادر الطبيعية وتنمية البنية التحتية في ولاية البحر الحمر المصادر الطبيعية وتنمية البنية التحتية في ولاية البحر الحمر The Graduate College Journal. ACCEPTANCE LETTER Oct(2012).

Under Publication	
1- Papers	[1] A.H. Ahmed, S. A. Talab and O. Tag "Evaluation of E-banking Service in sudan"

	[2] S. A. Talab "Using Computer Concepts to Enhance and Transform the Role
	of Education"
2- Books	 [1] A.H. Ahmed and S. A. Talab "computer science II" 6th year Basic school, sudan, [2] A.H. Ahmed and S. A. Talab "Programming Technique with C++ Part II". [3] S. A. Talab "Advance Data Structures and
	Algorithms with C++".
	[1] Ayad Mohammed Mahyoub Ghaleb, Field (Data Mining), Aug 2012.
	[2] Huthaifa Abdelkarim Ali Ellatif, Field (Emanagement), Dec 2012.
	[3] Fatima A. Haj Ali, Field (E-Learning), May 2012.
	[4] Abdalla Al-Ameen, Field (E- Voting.), Jan 2012
Supervision of PHD(Sample)	[5] Abubaker Elrazi Osman Mohammed Ahmed, Field (MEDICAL DECISION MAKING), Sep 2011.
	[6] Mohammed Yahia Beillow Adam Field(Digital Image Processing), June 2011.
	[7] Tarig O. FadL Elseed Abdalla , Field(Econcepts), June 2011
	[8] Bassam Z. Ibrahim, Field (Software Eng), 2011.

	[9] Thoyba A. Haj Ali, Field (GIS), Dec 2012.
	[10] Faisal M. Nafie Ali, Field (E-concepts), Jan 2011.
	[11] Monnair A/Alla Saif , Field (Decision S. System), Dec 2010.
Supervision of MSc	
	[1] Mohammed J. Younis, Field (LIS), 2010.
	[2] Oday Obaid Hassoon, Field (Steganography), May 2009
	[3] Zakkria A. Ammar, Field (Networks), Aug 2011.
	[4] yasir N. Elsaed, Field(E-concepts), June 2009
	[5] Modther A. Ibrahim, Field (E-Learning), May 2007
 By Research 2. 	[6] Fatima A. Haj Ali, Field (E-Learning), May 2007.
	[7] Nassir M. Ali, Field (Software Eng.), Jan 2007
	[8] Alla A. Shamog, Field (Software Eng.), Jan 2007
	[9] Omer E. Mohammed, Field(E-concepts), June 2006
	[10] Mohammed K. Suleiman, Field (AIS), 2005.
	[11] Bassam Z. Ibrahim Field (LIS), 2005.

	[12] Sohail Bin Mustafa Field (E- Learning), 2005.
	[13] Sharfi Mustafa Abbas, Field (E-concepts), 2004.
	[1] Mubark A. Adam, Field (Data Structure), 2005.
	[2] Haitham E. Ali, Field (E-Government), 2005.
	[3] Eltayeb S. Gabar, Field (Steganography), 2005.
	[4] Gafar Z.Salih, Field (Image Recognition), 2005.
	[5] A/Majid H. Mansour, Field (E-Learning), 2005.
2-By	[6] Majzoob K. Omer, Field (E-Learning),2005
Courses (Sample)	[7] Ali Osman Mohamed, Field (AI), 2005.
	[8] Fahkr A. Mohammed, Field (E- Learning), 2005.
	[9] Amin M. Al-Amin, Field (WEB Design),2005.
	[10] Osama A. Dafalla, Field (Search Engine), 2006.
	[11] Ahmed B.Hassan, Field (Genetic Algorithm),2007.
	[12] A/Rahman A.A/Rahman, Field (E-Learning), 2007.

	[13] El-Hadi S. El-Hadi, Field (E- Learning), 2007.
	using computer concepts to enhance and transform the role of education e.g. Elearning, E-education, Security, Multimedia
	Teaching various modules on
Current Activities & Research	 Data Structures and Algorithms Tools and Concepts in Programming. Software Engineering. Computer Graphics. Database Systems. Compiler Design. Numerical Computation. Computer simulation & Modeling. Operating system. Data mining. E-concepts.
	At MSc./BSc. Level, Department of Computer Science, University of Al-Neelain, Khartoum Sudan.
	Supervising BSc/MSc students' projects in Department of Computer Science, University of Al-Neelain, Khartoum, Sudan.
	Programming with

	 PHP. ASP. Oracle VC++.Net gnu C++ in Linux environment.
	üResearch Interests
	 Computer Graphics. Object-Oriented Programming. Programming Languages for Teaching. Data Structures and Algorithms Teaching and learning. Compiler Design. Numerical Computation. Information systems Data mining. Genetic Algorithm.
	[1] Chair of Computer Studies Committee,
	Ministry of Higher Education & Scientific Research, 2014- to Now, Sudan.
Academic Activities	[2] Member of Computer Studies Committee, Ministry of Higher Education & Scientific Research, 2000- to 2014, Sudan.
	[3] Member of the committee for the admission to the MSc program in Computer Science, University of Al-Neelain, 2002 to Now,Sudan
	[4] Member of the Committee which, Designed the Degree Structure for

- Department of IT & IS, PortSudan Ahlia College, 2006, Sudan.
- [5] Member of Faculty of Education Council, University of Ash Sharq (1995-1997), Sudan.
- [6] Member of Al-Neelain University Senate (1997-2005)
- [7] Member of Al-Neelain University Senate Academic Advisory Committee (1998-2005)
- [8] Member of Post Graduate Council, Al-Neelain University (2003-2005)
- [9] Member of the Committee which Designed the Degree Structure for Department of Computer Science, Red Sea University, 2004, Sudan.
- [10] Member of the Committee which, Designed the Degree Structure for Department of information Technology, Gaddarif University, 2006, Sudan.
- [11] Member of the Committee which, Designed the Degree Structure for Department of information system, Guran Al-Karim University, 2006, Sudan.
- [12] Member of the Committee which, Designed the Degree Structure for Department of information Technology, Sharq Ahlia College, Kassala State, 2002, Sudan.
- [13] External examiner for MSc thesis(University of Khartoum, Sudan Of Science & Technology, Gazira
- [14] External examiner for Department of Computer Science & information

Technology, Faculty of Mathematical Sciences, University of Khartoum, 2011, Sudan. [15] External examiner for Department of Computer Science & information Technology, Computer Man College, 2005, Sudan. [16] External examiner for Department of Computer Science & information Technology, Computer Man College, 2004, Sudan. [17] External examiner for Department of Computer Science, Sciences and Technology College, 2006, Sudan. [18] External examiner for Department of Computer Science, Sciences and Technology College, 2005, Sudan. [19] Internal examiner for MSc thesis, Al-Neelain University, Sudan [20] Faculty advisor for the computer studies. Ash-Sharq Ahlia College, Kassala State, 1997 to now Now, Sudan. [21] Chair of the Award Committee. Dept. of Computer Science, White Nile College, 2002 to Now, Sudan [22] Reference letters for several candidates applying to various positions in Computer Sci. Software Development [1] Designed and developed of the well Experience known system SES (Students Evaluation

	System) which is common in almost all universities. e.g.
	University of Al-Neelain.
	Ash Sharq Ahlia College.
	 University of Gaddarif.
	 University of Kassala.
	 University of Sinnar.
	 University of Shandi.
	WHITE NILE University
	Red Sea University
	PortSudan Ahlia College
	Role: Designer and Developer,
	Development Tools/Environment: FoxPro,
	DOS/Windows98.
	[2] Design and Programming of the simulator
	system which determined the current curve of
	the Sudan secondary school certificate.
	[3] Design and Programming of E-Exam
	system of the Sudan secondary school
	certificate.
	[4] Systems Analyst, programmer and
	supervision of implementing computerized
	system in many organizations in Sudan.
	[1] 2 nd International Conference on ICT for
	Development, Education and Training (e-
	learning Africa), 28-30 May,2007, Nairobi,
	Kenya.
Conferences	[2] International Education & Information
	Conference, 18 th – 20 th May,2005, Organized
	by Ministry of Higher Education & Scientific
	Research, Amman, Jordan.
	[3] International Conference on Scientific
	Research Outlook in he Arab World and The

	New Millennium : Science & Technology, 24-
	26 April,2000, Organized by The University of Sharjah, UAE.
	[1] Professor Awad Haj Ali Ahmed
	Department of Computer Science
	University of Al-Neelain, Khartoum, Sudan
	Email: awadh@sudamail.net
	[2] Professor Izzeldin Mohammed Osman
	Department of Computer Science
Academic References	Sudan University Of Science & Technology,
	Khartoum, Sudan
	Email: izzeldinosman@hotmail.com
	[3] Professor Izzeldin K. Amin
	Faculty of Mathematical Sciences,
	University of Khartoum, P.O. Box 321,
	Khartoum, Sudan
	Email: <u>itsalat@ntc.org.sd</u>
	[4] Dr Mohsin H.A. Hashim
	Faculty of Mathematical Sciences,
	University of Khartoum, P.O. Box 321,
	Khartoum, Sudan
	Email: mohsinhashim@yahoo.com