

CURRICULUM VITAE



PERSONALITIES

NAME : Mohamed Awad Elshaikh

RELIGION : Muslim

DATE OF BIRTH : 26/04/1972

NATIONALITY : Sudanese

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ACADEMIC QUALIFICATION

- Ph.D. In Computer Networks, University Putra Malaysia, Faculty of Computer Science and Information Technology, Computer and Communication Dept.
- M.Sc, International Islamic University Malaysia, Faculty of Engineering, Computer and Information Engineering Department.
- B.Sc. (Honors degree) with first class in Computer Science, Sudan University of Science and Technology.

WORKSHOPS & SEMINARS ATTENDED

- Course in Network and Network Administration using Novell, Sudan University of Science and Technology, April 1997.
- Workshop in Computer Maintenance, Syria, July 1997.
- Workshop in Academic Performance Development, Sudan University of Science and Technology, Faculty of Education, 1998.
- UNISCO Workshop in Using the Modern Methods in Teaching Basic and Engineering Sciences, Sudan University of Science and Technology, 1997.
- Synopsys VHDL Simulation and Synthesis Training, Malaysia, Kuala Lumpur, 1998.
- Network Research Group Seminars, International Islamic University Malaysia July 2000.
- Course in Java Programming, IT division, International Islamic University Malaysia, February 2000.
- Course in Administration Excellence, Kuala Lumpur, Malaysia, EMC, 2006.

- Course in Academic Program Design, packaging, and Marketing, EMC, Kuala Lumpur, Malaysia, 2006.

PUBLICATION

- On Shaping and Handling VBR Traffic in A Diffserv Domain, ASTC'01 Conference, USA, 2001.
- A study of VBR Traffic Treatment in A Diffserv Domain, International Journal of Modeling and Simulation (IJMS), Vol. 23, No. 3, PP. 187-192, 2003.
- Effects of Using Different Shapers and Markers in A DiffServ Domain, KUTPM Seminar of Technology and Management, 2002.
- Differentiated Services: Architecture Overview Study, Journal of Technology & Management, Vol. 1, No. 1, pp. 7-12, 2003.
- DiffServ Technical Report, Faculty of Computer Science and Information Technology, University Putra Malaysia, 2003.
- TCP and UDP Behavior in A DiffServ Networks Using Different Scheduling Algorithms, Malaysian Science and Technology Congress COSTAM2003, MSTC 2003, Cititel, MidValley, Kuala Lumpur, 2003.
- Performance Evaluation of Scheduling Algorithms in DiffServ Networks, Intelligent System and Information Technology Symposium, ISITS, 2003.
- I²tswTCM: an improve version of TSWTCM: Design and implementation, Research and Innovation Exhibition 2005, UPM, Silver Medal, 2005.
- An Enhancement of TSWTCM Algorithm to Improve Fairness in DiffServ Networks: Design and Implementation, Brunei International Conference of Engineering and Technology 2005, BICET 2005, Vol. 3, pp. 89 – 96, 2005.

- Fairness in DiffServ Networks, Conference on Computer Science, Technology and Networking, CSten'05 Proceeding, UiTM, Malaysia, pp. 99 – 104, 2005.
- Enhanced TSWTCM to Improve Fairness in DiffServ Networks, 13th IEEE International Conference on Networks, IEEE MICC-ICON Proceeding, Kuala Lumpur, Malaysia, pp. 302 – 307, 2005.
- A New Fair QoS Internet Architecture, Research and Innovation Exhibition 2006, UPM, Bronze Medal, 2006.
- DiffServ Scheduling Algorithms, International Conference on Science and Technology, ICSTIE 2006: Applications in Industry and Education, Pinang, 2006.
- A New Fair Weighted Fair Queuing Scheduling Algorithm in Differentiated Services Network, International Journal of Computer Science and Network Security IJCSNS, Vol. 6 No. 11, pp. 267 – 271, 2006.
- A New Fair Marker Algorithm for DiffServ Networks, Computer Communications Journal, Vol. 31 No. 14, pp. 3064 -3070, 2008.

EXPERINCE

- Teaching Assistant at Sudan University of Science and Technology, Computer Department since 1995.
- Supervisor and network administrator for the computer department at Sudan University of Science and Technology (September 1996).
- Part-time Programmer at Mawardi Company using Delphi, C, C++, Visual C, Microsoft Access (March 1997 – Sep 1998).
- Contributed as Programmer, System Analyst and Designer at Orac Company using Oracle (Aug 1996 – Sep 1998).

- Supervised the installation of new networks (LANs) at Sudan University of Science and Technology (1997 - 1998).
- Network Administration at Ministry of Foreign and External Affairs Republic of Sudan (Apr 1998 – Sep 1998).
- Part-Time Teaching Assistant then as a Lecturer at International Islamic University Malaysia (IIUM) (Sep 1998 – Sep 2003).
- Lecturer at College University of Technology and Management Malaysia, School of Information and Engineering Sciences, Network Department. (Sep 2001 – April 2007).
- Head of Computer Systems and Networks Dept., Faculty of Computer Science and Information Technology, Sudan University of Science and Technology (May 2007 – Jul 2009).
- Deputy Dean, Faculty of Computer Science and Information Technology, Sudan University of Science and Technology (Jul 2008 – Jul 2009).
- Dean, Computer Center Manager, Sudan University of Science and Technology (Jul 2008 – Up to now).
- A member of a technical consultant committee for some governmental and private sectors.
- Project Manager at Information Technology Research Center, Khartoum University, (August 2008 – Up to now)

LANGUAGES

- Arabic
- English