

RESUME FOR DR. EDMUND J B KATITI

Name of Firm: ICT Consults Ltd.
Names: **EDMUND JENNINGS BISHURWA KATITI**
Profession: ICT Policy Analyst and Strategic
Planning/Management
Years with firm: four (4) year
Nationality: Ugandan
Membership in Professional Societies: Association of Computer Machinery
Qualifications: B.Sc.(Eng. Hons), M.Sc., Ph.D.
Date of Birth: 4th November 1952.
Marital Status: Married with 4 children.

PRESENT OCCUPATION/POSITION

Nov 2001 - Senior Consultant, ICT Consults
May 2004 - Deputy Vice Chancellor for Academic Affairs, Kampala International University.
May 2002 - Director, Afritech Mobile Nigeria Limited.

UNIVERSITY EDUCATION

Sep. 74-June 78 South Bank Polytechnic, London, UK Awarded Upper Second Class B.Sc. Honours Degree in Electrical and Electronics Engineering.
Oct. 79-June 79 University of Essex, Colchester, UK. Awarded M.Sc. Degree in Telecommunications Systems Engineering.
Oct. 79-Mar 83 University of Essex, UK. Carried out Ph.D. research in "Picture Coding Techniques for Videotex and Facsimile" Awarded a Ph.D. in July 1984.

PROFESSIONAL ACHIEVEMENTS

1975/76 Won the William Beedie Esson Scholarship from the Institute of Electrical Engineers (IEE)
1976/77 Won the Undergraduate Scholarship from the IEE.
August 1981 Invented a Technique for Image Transform Coding with Offsets. Reported in Electronics Letters, Vol. 17 pp. 803 - 805
November 1981 Invented technique for improving computational efficiency of orthogonal transforms. Reported at the 1st International Conference on Electronic Image processing, York, UK July 1982
Aug. 81 - Oct. 82 Invented variety of Television special effects. See Ph.D. Thesis.
March 1983 Demonstrated that the Discrete Sine Transform is a more efficient Image Processor than the Discrete Cosine Transform. See Ph.D. Thesis.
1984 - 1986 Started the Institute of Computer Science, at Makerere University, with the Objective of producing a sustainable supply of ICT human resource for Uganda and the Great Lakes Region.
1992 Started the first private television broadcasting station in Uganda. CableSat Television.
1994 -1996 Was National Consultant in the drafting and development of the Uganda Communication Act which was passed by the Ugandan

- Parliament in 1997. This Act resulted in the establishment of the Uganda Communications Commission (UCC).
- Telecom Consultant to Simba Telecom, MTN Authorized Dealer in Uganda. Simba Telecom is one of the most successful Mobile Dealerships in Africa.
- 1999 – 2000 Coordinator of the Mauritius Telecom Consortium's Technical Team that prepared the Bid Proposal in the Privatization of Uganda Telecom. This proposal was judged the best of all the Bid proposals that were submitted.
- 2000 -** Active Participant in Internet Governance activities. Attended ICANN meetings in Melbourne, Montevideo, Accra, and Nairobi. Have conducted high-level workshops and presented papers on Internet Governance in Accra, Nairobi, Abuja, Kampala, and Johannesburg.
- Feb '00 – Aug '01 Lead Consultant, Uganda National Task Force on drafting a national ICT Policy with objective of making Uganda an ICT-friendly society by providing human resource development, creating ICT Centres of Excellence, and Engaging in Internet-based out-sourcing services.
- Aug – Dec '02 Drew up comprehensive ICT Policy for Kampala International University including a Management Information System (MIS). The Policy resulted in the University having a School of Computer Studies with the largest range of undergraduate study programs in the region, all staff and students must acquire computer skills, installation of digital library resources, creation of a strong Directorate of ICT, and setting up of modern Computer Labs with Satellite Delivered Internet Access.
- Mar – Apr '04 ITU ICT Expert for Eastern Africa Region on project "ITU preliminary Assistance to NEPAD on Identifying Africa's ICT needs for period 2005-2015"
- July 2004 Advised management of Kampala International University (KIU) on creation of an Internet-based virtual private network connecting KIU's campus in Kampala with that in Ishaka, and establishing email system for all university staff and students.
- Sep '04 – Feb '05 Was one of the International Consultants contracted by the Nigerian Advanced Space Research Development Agency (NASRDA) on the Nigerian Communication Satellite Project.

WORKING EXPERIENCE

- June '79 - Sep '79 Research Assistant at Muirhead Data Communications Ltd. Responsibilities included: Designing a robust and efficient digital facsimile coding scheme capable of working in "noisy environments".
- Oct. '79 - June '82 Teaching and Laboratory Assistant for postgraduate students of Telecommunications Engineering at the University of Essex.
- Oct. '83 – Sep. '87 Head of Computer Centre and later Director Institute of Computer Science, Makerere University, Kampala, Uganda. Taught Computer Science, and Engineering Mathematics.

- Oct. '87 - Sep. 88 Senior Technical Advisor to Ugandan Commercial Bank, on the World Bank Financed Computerization Project. Responsibilities included: Evaluation of Tenders, Contract Negotiation, Designing Computer Centre Lay-out, Determining training needs of End-Users and Computer Centre staff.
- Oct. '88 - Aug. '92 Managing Director of HiTech Computers and HiTech Telecoms. Responsibilities included: Corporate Planning and Product/Project Development. Prepared project that resulted in creation of CableSat Television, the first private broadcasting venture in Uganda.
- Aug. '92-Oct. 94 Managing Director, CableSat Television. Responsibilities included: Corporate Planning, Program buying, Day-to-day Operations. Started news department that was a contributor to the CNN World Report Program.
- 1994 -1996** Was National Consultant in the drafting and development of the Uganda Communication Act which was passed by the Ugandan Parliament in 1997. This Act resulted in the establishment of the Uganda Communications Commission (UCC), and provided for the establishment of the Rural Communication Development Fund (RCDF).
- Nov. 1994 - Senior Lecturer, Institute of Computer Science, Makerere University. Taught Systems Analysis and Software Engineering. Was once again Director of the Institute of Computer Science during 1996 - 1997.
- June 1995 – Jan 2000 Chairman, National Standards Council; the governing body for the Uganda National Bureau of Standards (UNBS). Negotiated US\$3 million dollar grant from UNDP, for Capacity building of UNBS.
- Jul 1997 – Jun 2000 Managing Director, Prime Communication Ltd., Regional Satellite Service Provider in East and Central Africa.
- 2000 - Active Participant in Internet Governance activities. Attended ICANN meetings in Melbourne, Montevideo, Accra, and Nairobi. Have conducted high-level workshops and presented papers on Internet Governance in Accra, Nairobi, Abuja, Kampala, and Johannesburg.
- Feb '00 – Aug '01 Lead Consultant, Uganda National Task Force on drafting a national ICT Policy. Subsequently participated in several Stakeholder reviews of the ICT Policy.
- July '00 – May '02 Business Development Director (Africa) of Global Electro-Comm International, Inc. (GECII), GECII is a Dallas-based IT/Telecom Consulting Company.
- May '02 - Director Afritech Mobile Nigeria Limited, a Distributor of Mobile Phone Products.

- Aug '02 – April '04 Dean, School of Computer Studies, Kampala International University (KIU), Uganda.
- Aug – Dec '02 Drew up comprehensive ICT Policy for Kampala International University including a Management Information System (MIS). The Policy resulted in the University having a School of Computer Studies with the largest range of undergraduate study programs in the region, all staff and students must acquire computer skills, installation of digital library resources, creation of a strong Directorate of ICT, and setting up of modern Computer Labs with Satellite Delivered Internet Access.
- Mar – Apr'04 ITU ICT Expert for Eastern Africa Region on project "ITU preliminary Assistance to NEPAD on Identifying Africa's ICT needs for period 2005-2015"
- May '04 - Deputy Vice Chancellor for Academic Affairs, Kampala International University.
- Sep '04 – Feb '05 Was one of the International Consultants contracted by the Nigerian Advanced Space Research Development Agency (NASRDA) on the Nigerian Communication Satellite Project

SEMINARS/COURSES/CONFERENCES ATTENDED

- Dec 81 Was Keynote speaker at Conference on Information & Technology for Africa, Africa Centre, London .
- Jul 82 Presented a paper at the 1st International Conference on Electronic Image Processing, York, England.
- Jun 86 Attended Curriculum Development Workshop for science Education in African Universities, Nairobi, Kenya.
- Jul 86 Attended Africa Telecom 86 in Nairobi, Kenya.
- Oct 87 Attended Telecom 87 (Global Telecommunications Forum & Exhibition) in Geneva, Switzerland.
- May 88 Attended Workshop on Data Communication at Digital Equipment Corporation, in Merrimack, New Hampshire, USA
- Jun 88 Attended Workshop on VSAT Technology at Hughes Network Systems, in German-town Maryland, USA.
- Jun 88 Attended Workshop on Computer Communication at Unisys, in Princeton, NJ.
- Jun 91 Was Keynote Speaker at the 1st AITEC East Conference & Exhibition in Nairobi.
- Oct 90 Attended Africa Telecom 90 in Harare, Zimbabwe.
- Jul 91 Attended workshop on Television Syndication at all American Television in New, York, NY, USA.
- Aug 91 Attended Workshop on Telecommunications Planning 'Economic Decision Making at AT&T in Morristown, New Jersey, USA.
- Oct 91 Attended Telecom 91, Geneva, Switzerland.
- Sep 92. Attended UNCTAD Workshop on export of IT products from Least Developed Countries, Blantyre, Malawi.
- Oct 92 Attended MIPCOM 92 (Television Program Market) in Cannes, France.
- Apr 93 Attended Cable & Satellite exhibition in London, UK.
- May 93 Attended CNN World report Contributors' Conference, CNN Centre Atlanta, GA.

July 93 Attended Workshop on Design and Management of Satellite Systems at Comsat in Bethesda, Maryland, USA.

Aug 93 Attended Workshop on Digital Satellite Technology at Intelsat in Washington DC.

Aug 93 Attended Workshop on Design of Satellite Networks at GTE Spacenet, in Virginia.

Sep 93 Attended workshop on Digital Satellite services at Comstream in San Diego, CA.

Oct 93 Attended Workshop on Design and Maintenance of Satellite Amplifiers at ST. Keltec in Walton Beach, Florida, USA.

Apr 94 Attended Africa Telecom in Cairo, Egypt.

May 94 Attended CNN World Report Contributors' Conference at CNN Centre, Atlanta, Georgia, USA. Won 'global fame' during the globally televised international forum when President Clinton praised his question on Somalia and Rwanda as "...a very brilliant question. The question of the day ..."

Jun 94 Was member of the Uganda Investment Promotion Tour of the United States. Made a live CNN World Report on the Tour from the CNN Washington Studios.

Jul 94 Attended Workshop on Telecommunications Restructuring and Privatization at Booz Allen & Hamilton, in Bethesda, Maryland, USA.

Aug 94 Attended Workshop on Telecoms Restructuring: a Management Perspective by Global Resources, and University of Colorado, in Washington DC, USA.

Jul 95 Attended 3rd Presidential forum on Science-led Development in Africa, Kampala.

Oct 95 Attended Telecom 95, Geneva, Switzerland.

June 96 Attended and presented a paper at African Communications Conference (AFCOM '96) conference in Washington DC, USA.

Nov. '96 Attended UNCTAD Brainstorming Session on "Development of Trade in Services form Developing Countries", Geneva, Switzerland.

May '97 Attended AFCOM '97 in Mbabane, Swaziland.

June '97 Was UNCTAD Resource Person, and presented a paper at Workshop on "Trade in Services", Kampala, Uganda.

May '98 Attended Africa Telecom '98, Johannesburg, South Africa.

Aug. '98 Presented a paper at the Second Africa Regional Workshop on Communications, Kampala, Uganda.

Sept. '98 Attended AFCOM '98, Washington DC, USA.

Oct. '98 Attended "Sub-Saharan Africa Telecommunications and IT Opportunities Conference", organised by the United States Trade & Development Agency.

Jan. '99 Attended "British Telecom Mobiq Service Providers' Forum" in London, UK.

Mar. '99 Attended CeBIT '99, at Hanover, Germany.

Sep '99 Inmarsat Service Provider Conference, Pretoria, South Africa.

Apr. '99 Presented a Paper during AITEC Uganda 1999, Kampala, Uganda.

Jun. '99 Attended AFCOM '99, Washington DC, USA.

Oct. '99 Attended Telecom '99, Geneva, Switzerland.

Mar 2000 Attended the Second Africa Telecom Summit, Accra, Ghana.

Jun 2000 Attended the GIIC Africa Communications Conference, Abuja, Nigeria.

Mar 2001 Attended the 3rd African Telecom Summit, Accra, Ghana.

Mar 2001 Attended ICANN meeting in Melbourne, Australia.

Jun 2001 Presented Draft National ICT Policy to stakeholder workshop, Kampala, Uganda.

- Sep 2001 Attended ICANN meeting in Montevideo, Uruguay.
- Nov 2001 Attended ITU Africa Telecom, Johannesburg, South Africa,
- Mar 2002 Attended 4th Africa Telecom Summit, Accra, Ghana.
- Mar 2002 Attended ICANN meeting in Accra, Ghana.
- Mar 2003 Attended 5th Africa Telecom Summit, Maputo, Mozambique.
- July 2003 Attended workshop on Commercial and Technical Aspects of Establishing and Profitably Operating an Internet Backbone Network, Sprint, Washington, DC.
- Aug 2003 Attended workshop on Building and Managing a Network in an Internet and Wireless World, Hewlett Packard, Cupertino, CA, USA.
- Aug 2003 Attended Internet Service Provider Design Seminar, Backbone Routing Protocol Workshop, and Network Security workshop at Cisco Systems, San Jose, CA, USA.
- Sept 2003 Lead Resource Person in Stakeholder workshop on implementation plan for the Uganda National ICT Policy, Kampala, Uganda.
- Oct 2003 Attended ITU Telecom World 2003 Forum and Exhibition, Geneva, Switzerland.
- Feb – Apr '04 ICT Expert for Eastern Africa on "ITU Preliminary Assistance to NEPAD Project", Kenya, Uganda, Tanzania, Ethiopia.
- June/July '04 Attended "ICT Africa Investment Summit and presented paper on "Internet Governance; Africa's effective participation in ICANN".
- Feb '05 Attended "Afrinet 2005: The 4th African Internet Summit and Exhibition", Abuja, Nigeria.

PUBLICATIONS

- September 1979 "More light on Fast Fax", Electronic Times. "Microelectronics Technology for Africa", Topical issues on Africa, Vol. 1, pp. 60 - 62.
- August 1981 "New Fast Discrete Sine Transform with Offset", Electronics Letters, Vol. 17, pp. 803 - 805.
- December 1981 Technology for Africa: How can Africa Help Themselves", Proceedings of the 1st International Conference on Technology and Information for Africa, Africa Centre, London.
- July 1982 "Improvements in the Quality of Pictures Reconstructed from a few Low Sequency DCT and DST Coefficients", Proceedings of the 1st International Conference on Electronic Image Processing, York, England.
- March 1983 "Picture Coding Techniques for Videotex and Facsimile", Ph.D. Thesis, University of Essex.
- September 1983 "Progressive Picture Reconstruction for Videotex System", Proceedings of the 1983 International Conf. on Consumer Electronics, Chicago, USA.
- June 1986 "An Introduction to Programming in BASIC", course manual for the programming course in the HiTech Computer Training Centre.
- June 1991 "Getting Computerisation Right", Keynote Address at the 1st AITEC East Conference Nairobi.
- June 1996 "Internet Connectivity: Uganda Case Study", presented at AFCOM '96 conference, Washington DC, USA.
- February 1998 "Satellite GMPCS in Practice", presented at the National Workshop for Trainers in Information Technology, Makerere University, Kampala..
- August 1998 "Digital Multimedia Communications", presented at the Second African Regional Workshop on Communications, Kampala, Uganda.
- March 2000 "Tele-Centre Model: A Uganda Experience", presented at the Second Africa Telecom Summit, Accra, Ghana.

August 2001 "Draft National ICT Policy for Uganda", National Experts Report to the Uganda National Council for Science and Technology.

March 2002 "Growth of GSM in Africa: A case study of Uganda and Nigeria", presented at the 3rd Africa Telecom Summit, Accra, Ghana.

May 2004 "Draft Project Report: ITU Preliminary Assistance to NEPAD", ITU Publication.

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience, and me.