CURRICULUM VITAE

HEYWOOD OUMA ABSALOMS

PERSONAL

Date of Birth 23 January 1965

Gender Male

Married, with one child

Health Good

Permanent Address P O Box 896, Kisumu

Current Address P O Box 32555-00600, Nairobi

E-mail houma@ieee.org

Phone Mobile: 0722-767408

Work: (020) 318262 x 28327

PHILOSOPHY

I purpose to achieve my full potential in my chosen academic field and undertakings, always aiming at applying my knowledge, training and skills to improve myself and my environment; with the goal of leaving all that I interact with, all the better for my involvement.

ACADEMIC

A 1004	
Apr 1994- Apr 1998	Doctor of Philosophy (Ph.D.) in Engineering, Kanagawa Institute of Technology, Atsugi, Kanagawa, Japan. On scholarship from the Japanese Government through the Japan Ministry of Education (Monbusho). Research in the field of Telecommunication Image Processing - Application of Genetic Algorithms. Graduated 25/3/98.
Oct 1994 -	8
Mar 1995	Japanese Language Studies , Osaka University of Foreign Languages (Gaikokugo daigaku), Osaka, Japan. Successfully completed the 6-month language course.
Feb 1991 -	
Jul 1992	Masters of Engineering in Telecommunications (M.Eng. (Telecomm. Eng.)) , University of Technology Sydney on a scholarship grant from the Australian Government through Australia International Development Assistance Bureau (AIDAB.) Graduated 30/4/93.
Feb 1990 -	
Dec 1990	Graduate Diploma in Engineering (Gr.Dip.Eng. (Electrical)), University of Technology Sydney. Graduated with Distinction on 10/5/91
Sep 1985 - Jul 1988	Bachelor of Science in Electrical Engineering (B.Sc. (Elec)), University of Nairobi, Kenya.

[&]quot;The only one you can be sure to perfect is yourself..."

[&]quot;In all you do, do as to the LORD and not as to man..."

[&]quot;Be true to yourself, and perform with honesty and integrity in all endeavours."

	Graduated with First Class Honors on 23/11/88						
Jun 1985 -							
Aug 1985	National Youth Service (NYS) Pre-University Training Program, Gilgil. Successfully completed the basic training program for the NYS.						
Feb 1982 -							
Dec 1983	Kenya Advanced Certificate of Education (KACE) , Maseno School. Attained the following grades: A in Mathematics, Further Mathematics and Chemistry and B in Physics.						
Feb 1978 -							
Nov 1981	Kenya Certificate of Education (KCE) , Maseno School. Passed in Division 1 attaining the following grades: Grade 1 in English Language, Geography, Mathematics, Additional Mathematics, Physics, Chemistry and Biology and Grade 3 in Lugha ya Kiswahili.						
Jan 1971 -							
Nov 1977	Certificate of Primary Education (CPE), Juja Road Primary School. Attained the following grades: Grade A in English and General Subjects and grade A- in Mathematics.						
	PROFESSIONAL SOCIETIES/ QUALIFICATIONS						
1000							
1999-	Institute of Electrical and Electronics Engineers (IEEE), Associate Member						
1995-1998 1996-1998	Institute of Electronics, Information and Communication Engineers of Japan (IEICEJ), Student Member Institute of Electrical and Electronics Engineers (IEEE), Student Member						
1989	Graduate Engineer, accepted for registration by the Engineers Registration Board (ERB)						
1988-	Institute of Engineers of Kenya, Graduate member						
1986-1988	Institute of Engineers of Kenya, Student member						
PROFESSIONAL CONFERENCES SEMINARS SYMPOSIA ETC							
	PROFESSIONAL CONFERENCES, SEMINARS, SYMPOSIA, ETC.						
	PROFESSIONAL CONFERENCES, SEMINARS, SYMPOSIA, ETC.						
Aug 2006	PROFESSIONAL CONFERENCES, SEMINARS, SYMPOSIA, ETC. The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006						
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Aug 2006	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006						
Aug 2006 May 2005 Nov 2000	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct						
Aug 2006 May 2005 Nov 2000	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5 th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya,						
Aug 2006 May 2005 Nov 2000 Sept/Oct 1999	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5 th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1998 1997 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'97,) Naha,						
Aug 2006 May 2005 Nov 2000 Sept/Oct 1999 Aug 1998	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5 th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1998 1997 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'97,) Naha, Okinawa, Japan, July 1997 The 20th International Conference on Computers and Industrial Engineering (ICC&IE'96,) Kyongju, Korea, Oct						
Aug 2006 May 2005 Nov 2000 Sept/Oct 1999 Aug 1998 July 1997	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1998 1997 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'97,) Naha, Okinawa, Japan, July 1997 The 20th International Conference on Computers and Industrial Engineering (ICC&IE'96,) Kyongju, Korea, Oct 1996 The First Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya,						
Aug 2006 May 2005 Nov 2000 Sept/Oct 1999 Aug 1998 July 1997 Oct 1996	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1998 1997 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'97.) Naha, Okinawa, Japan, July 1997 The 20th International Conference on Computers and Industrial Engineering (ICC&JE'96.) Kyongju, Korea, Oct 1996 The First Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1995 The Fourth Annual JKUAT Electrical Engineering Seminar on "Innovations in Electrical and Electronic						
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Aug 2006 May 2005 Nov 2000 Sept/Oct 1999 Aug 1998 July 1997 Oct 1996 Aug 1995 Aug 1994	The Twelfth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 2006 Management Development Programme, Nanyuki, Kenya, May 2005 USAID sponsored workshop on The Use of Advanced Online Technology in Teaching, Jomo Kenyatta University of Agriculture and Technology, Kenya, Nov 2000 IEEE Africon '99, 5th Africon Conference in Africa, Cape Technikon, Cape Town South Africa, Sept/Oct 1999. The Fourth Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1998 1997 International Technical Conference on Circuits/Systems, Computers and Communications (ITC-CSCC'97,) Naha, Okinawa, Japan, July 1997 The 20th International Conference on Computers and Industrial Engineering (ICC&IE'96,) Kyongju, Korea, Oct 1996 The First Kenya Society of Electrical and Electronics Engineers (KSEEE) International Conference, Nairobi, Kenya, Aug 1995 The Fourth Annual JKUAT Electrical Engineering Seminar on "Innovations in Electrical and Electronic Engineering," JKUAT, Kenya, Aug 1994						

PUBLICATIONS

PAPERS:

- 1999 Absaloms H., and T. Tomikawa, 1999, **GA Relaxation Labeling,** *Trans. IEEJ, Vol.* 119-C, No. 12, pp1489~1499.
- Absaloms H., and T. Tomikawa, 1997, A Novel Approach to Triangulating Contours for Surface Approximation, *Trans. IEEJ, Vol. 117-C, No. 6*, pp667~675.
- Absaloms H., and T. Tomikawa, 1996, A Study of Human Eyes' Detection by Window-Pair Chasing, Trans. IEEJ, Vol. 116-C, No. 9, pp1015~1028.

LETTERS/SHORT NOTES:

- Absaloms H., and T. Tomikawa, 1998, A Genetic Algorithm Solution to Relaxation Labeling of Line Images, Trans. IEEI, Vol. 118-C, No.11, pp1670~1671.
- Absaloms H., and T. Tomikawa, 1997, **Wire-Frame Approximation of Surface** from Contour Data by GA, *Trans. IEEJ, Vol. 117-C, No. 2*, pp207~208.

PROCEEDINGS:

- 2006 Oteri M. O., Konditi D. B. O., Ouma H. A., 2006, **Microwave Response to Moisture Content,** Proc. of 2nd JKUAT Scientific and Technological Conference, JKUAT,
 Nairobi October 2006.
- Absaloms H., and T. Tomikawa, 2004, **Meta-GA Multi-Window Human Eye Detection,** Proc. of 8th World Multi-Conference on Systems, Cybernetics and Informatics, SCI 2004, Orlando, Florida, USA, Vol VI pp165~170..
- Absaloms H., Iwami Y., and T. Tomikawa, 1999, A Heuristic Approach to Solution of Industrial Optimisation Problems, Proc. of 5th African Conference in Africa, IEEE AFRICON '99, Cape Technikon, Cape Town, South Africa, pp127~130..
- Absaloms H., and T. Tomikawa, 1998, **Optimization by Genetic Algorithm**, for the *Proc. of 4th KSEEE International Conference, Nairobi, Kenya*.
- Absaloms H., and T. Tomikawa, 1997, **Applying Genetic Algorithm to Labeling,** *Proc. of 3rd KSEEE International Conference, Nairobi, Kenya*, pp62~68.
- Absaloms H., and T. Tomikawa, 1996, **Surface Reconstruction by Triangulation Using GA**, *Proc. of 20th International Conference on Computers and Industrial Engineering (ICC&IE`96)*, *Kyongju*, *Korea.*, Vol. 1, pp441~444.
- Absaloms H., and T. Tomikawa, 1995, A Detection Of Human Eyes by Window-Pair Chasing, Proc. of 1st KSEEE International Conference, Nairobi, Kenya, pp205~214.
- Absaloms H., **Timer Server Implementation in Computer Communication Protocols,** *Proc.*of The Third Annual JKUAT Electrical Engineering Seminar on "Technological Trends in Electrical and Electronics Engineering," JKUAT, Kenya, Aug 1993
- Seneveratne, A., Absaloms, H., Ginige, T. and Fry, M., 1993, Effect of Timer Management on Protocol Execution Performance, Proc. of the 2nd Australian Conference on Telecommunications Software (ACTS'93,) Wollongong, Australia, pp149~156.

OTHERS:

- A Study Of Internet Use In Kenyan Universities, research project report. A component of the project 'An Exploratory Study Of Internet Use At Institutions of Higher Education: Africa, Asia and Latin-America' commissioned by UNU/INTECH and The International Institute of Infonomics, The Netherlands.
- 1998 Genetic Algorithm Application to Image Processing Optimization Problems, Ph.D. Dissertation, Kanagawa Institute of Technology, Atsugi, Japan, 1997/1998
- PCB CAD Training Manual in Training Manual for Regional Group Training Programme in "Applied Electrical and Electronic Engineering Technology," JKUAT, Kenya, March 1994

- 1992 Timer Server Implementation in Computer Communication Protocols, M.Eng. Thesis,
 - University of Technology, Sydney (UTS) Sydney, Australia, July 1992
- 1988 The Yagi-Uda Array, B.Sc. Project Report, University of Nairobi, Nairobi, Kenya, July 1988

CURRICULUM DEVELOPMENT

Involved in developing curricula, especially the Telecommunications component, for

- BSc. In Electronic and Computer Engineering, Dept. Elec. Engg., JKUAT. 2000.
- BSc. In Mechatronic and Precision Engineering, Dept. Mech. Engg., JKUAT. 2000.
- Department of Electromechanical Engineering, Kigali Institute of Science Technology and Management (KIST), Kigali, Rwanda. 2000
- Proposed Department of Telecommunication & Information Technology, JKUAT. 1999.

POLICY DOCUMENTS

Involved in the pr	eparation of	f the following:
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2000/1	JKUAT-KIRDI(NIIC)	(Kenya Industr	ial Research and	Development	Institute -	National Industrial
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Information Center), "Network For Dissemination of Industrial and Technological Information"

2000 Faculty Of Engineering "Guidelines, Rules, and Procedures for Conducting Examinations"

Faculty Of Engineering "Transcriber – Academic Transcript Processing Software for Faculty Of Engineering"
 Faculty Of Engineering "Post Graduate Programmes and Research Plans in the Year 2000 and Beyond"

1999 Faculty Of Engineering "Proposed Department of Telecommunications and Information Technology" Blueprint

SELECTED SUPERVISED PROJECTS

PHD:

□ 2001 - 2006: "Study Of Multimedia Transmission Delay And Jitter Factors", K. O. Omwenga, JKUAT (incomplete)

MASTERS:

🗖 2006 - 2007: "Microwave Soil Moisture Measurement and Surface Roughness Characterization: A Case Study of Kenyan Region", M. O. Oteri, JKUAT

□ 2007 - : "Effective Mobile Phone Base Station Radiation and Impact on Human Health: An Analysis of Kenya Wireless Communication", E. E. Mukenya,

JKUAT (on-going)

□ 2007 -: "Electromagnetic Modeling and Analysis of Rectangular Metallic Enclosure with Apertures for EMI/EMC Applications", J. K. Makiche, JKUAT

(on-going)

UNDERGRADUATE (last 2 years):

□ 2007 - : "LCD Based Temperature Sensor", T. M. Kariithi, UoN

□ 2007 -: "Burglar Alarm System", J. K. Kanda, UoN

□ 2007 -: "Computerized Traffic Light Control", P. N. Kiarie, UoN
 □ 2007 -: "Complete Campus Card Solution", M. N. Kamunge, JKUAT
 □ 2007 -: "(Web-based) Home Automation System", E.G. Kagai, JKUAT

□ 2007 -: "Office Environment and Access Control using a PC", J.M. Gicho, JKUAT

□ 2007 - : "Finger-print based Smart Card Physical Access System", J.M. Ndambuki, JKUAT

□ 2006 - : "Biometrics Identification System", A. N. Njenga, JKUAT

COMMITTEES

2007 - Present School of Engineering, Examinations Timetabling Committee, UoN

2001 – 2006 JKUAT Senate

2000 - University Internet Service Development Committee

2000 - Faculty of Engineering, KIRDI-JKUAT Sub-Group on Industrial Information Network/Center

2000 Faculty of Engineering, Ad hoc Committee on Examination Cheating

1999 Faculty of Engineering, Ad hoc Committee on Postgraduate Studies and Research Plans

1999 Department of Electrical & Electronic Engineering, Committee on the Proposed Telecommunications

Department

1998 Faculty of Engineering, Sub-Committee on the Proposed Telecommunications Department

EMPLOYMENT

June 2007-

Present

Senior Lecturer, Electrical & Information Engineering, University of Nairobi.. Lecturing mainly in Telecommunications Engineering (Digital Systems Design, Signals and Communication, Transmission Line Theory).

Other activities include:

- Supervision of Ph.D. research
- Supervision of Masters' research students
- Supervision of Undergraduate Final Year Student Projects
- Course Tutor/Advisor for Undergraduate Students
- Examinations Co-ordination

Mar 2008-

Present

Departmental Examinations Coordinator.

Duties include: Collection and organization of exam drafts for external moderation, organization of moderated papers for printing, time-tabling of examinations and invigilation, supervising of examinations and invigilation, collection and processing of marked examinations into documents for the departmental and faculty boards of examinations.

Mar 2008-

Present

School of Engineering Examination Timetabling Committee Convenor.

Duties include: Chairing the school timetabling committee and Synchronization of examinations between the departments through timetabling.

Nov 2001-

Apr 2006

Director, JKUAT Nairobi Centre. Administrative and Academic Head

Duties include:

- Establishment of the learning centre through design, refurbishment and equipping for operation
- Coordination of all administrative functions
- Management of human, financial, and material resources of the Centre
- Planning for the growth and development of the Centre staff, infrastructure and programs
- Identification of suitable academic programs for approval by Senate
- Implementation and running of academic programs
- Coordination of academic programs at the Centre with Academic department heads

Apr 2001-

June 2002

Program Coordinator, Bachelor Of Science in Electronic and Computer Engineering. Duties include:

- Overall interpretation and implementation of the syllabus,
- Development of suitable course material including laboratory/practical work for each course in the syllabus,
- Compilation of comprehensive book and equipment lists for the program,
- Procurement of unavailable books and equipment,
- Promotion of the program to industry, relevant governmental bodies, private sector, statutory and professional bodies,
- Sensitization of the public on the program objectives and the subsequent career prospects,
- Preparation of a detailed development plan for the program with regard to staff, physical facilities, equipment and organization
- Ensuring the day-to-day smooth running of the program.

July 2001-

June 2007

Senior Lecturer, Electrical & Electronic Engineering, Jomo Kenyatta University of Agriculture and Technology. Lecturing mainly in Telecommunications Engineering (Digital Systems Design, Signals and Communication, Transmission Line Theory).

Other activities include:

- Supervision of Ph.D. research
 - 2001 : "Study of Multimedia Transmission Delay And Jitter Factors", K. O. Omwenga
- Supervision of Masters' research students
- Co-ordination of new Undergraduate Program Bachelor of Science in Electronic & Computer Engineering
- Supervision of Undergraduate and Diploma Final Year Student Projects
- Course Tutor/Advisor for Undergraduate Students

Curriculum development

Sept 1998-

June 2001

Lecturer, Electrical & Electronic Engineering, Jomo Kenyatta University of Agriculture and Technology. Lecturing mainly in Telecommunications Engineering (Digital Systems Design, Signals and Communication, Transmission Line Theory).

Other activities include:

- Supervision of Ph.D. research
 - □ 2001 -: "Study Of Multimedia Transmission Delay And Jitter Factors", K. O. Omwenga
- Supervision of Undergraduate and Diploma Final Year Student Projects
- Course Tutor/Advisor for Undergraduate Students
- Curriculum development

Sep 1998-

Apr 2002

Departmental Examinations Coordinator, In charge of collection and organization of exam drafts for external moderation, organization of moderated papers for printing, time-tabling of examinations and invigilation, supervising of examinations and invigilation, collection and processing of marked examinations into documents for the departmental and faculty boards of examinations.

Jul 1999-Mar 2000

Research Specialist, Consultant for *Thinking Systems Limited*, a subsidiary of MindSmith Technologies Inc. Specializing in providing cutting edge engineering solutions especially through the design and implementation of hardware and software solutions for industrial and corporate security systems, inventory control systems, time and attendance systems, networked computing and telecommunications. System designs involved in include:

- A countrywide distance learning network for in-service training of Nurses through the use of multimedia stations set up in major learning centers spread through the country;
- Computerised patient billing system coupled with stock and inventory control for use in a network of health centers around
 the country.

Oct 1992-

Sept 1998

Assistant Lecturer, Electrical & Electronic Engineering, Jomo Kenyatta University of Agriculture and Technology. Lecturing mainly in Telecommunications Engineering (Signals and Communication, Telecommunications, Electronics.

Oct 1994 - Apr 1998

On Study Leave. Undertook tutorial/seminar classes for 3rd Year Undergraduate & 1st year Postgraduate students while undertaking Ph.D. research at the Kanagawa Institute of Technology in Japan.

Nov 1991 -

Feb 1992 **Programmer,** School of Electrical Engineering, University of Technology Sydney, Australia. Duties involved Software Design and Development in the area of Computer Communication Protocols.

Mar 1991 -

Oct 1991

Researcher, The Illawarra Technology Corporation Limited, Wollongong, Australia. Project under contract from Overseas Telecommunications Corporation (OTC) Australia. Duties involved Software Design and Development in the area of Computer Communication Protocols.

Aug 1989 -

Dec 1989

Development Engineer, Kenya Broadcasting Corporation (KBC). Member of Research and Development Team for the KBC.

Jan 1989 -

Aug 1989

Assistant Engineer, Ministry of Public Works, Kenya. Responsibilities include the design and supervision of electrical works, and inspection & maintenance of government electrical installations e.g. lifts in government buildings.

Japanese Government (Monbusho) Scholarship to undertake Ph.D. degree course at the Kanagawa Institute of Technology, Japan. Australia International Development Assistance Bureau (AIDAB) Scholarship to undertake a Masters of Engineering degree at the University of Technology, Sydney (UTS,) Australia. Gandhi Smarak Nidhi Trustee Fund Merit Award, 1987/1988, for the best student in the Faculty of Engineering of the University of Nairobi. Institute of Engineers of Kenya (IEK) Prize, 1987/1988, for the best final year project in the Department of Electrical Engineering of the University of Nairobi.

SKILLS

Computer:

Expertise in: Programming (C language) Word-processing & DTP (WordPerfect, Word for Windows, PageMaker) Spreadsheet (Microsoft Excel,) and Drawing (Lotus Freelance, Microsoft PaintBrush)

Familiarity with: Windows OS and tools, MS-DOS and UNIX O/S (through Apollo's Domain OS and Sun Microsystems' OpenWindows, SunView & XView), Linux, Pascal, C++ and BASIC programming languages, Assembler programming (on TMS32010 and Intel 8086/8088 family of Microprocessors), CSIM simulation package, MATLAB, PSpice, Lotus 1-2-3 spreadsheet, Dbase, Harvard Graphics and AutoCAD, HTML programming, Web Design with HoTMetaL, TextPad, DreamWeaver, and Microsoft FrontPage

Acquainted with: Design Packages (Adobe PhotoShop, CorelDraw), Object Oriented Programming (Delphi, Visual Basic), Databases (Interbase, Access)

Language:

Dholuo, English, Swahili, Japanese (Intermediate level)

EXTRACURRICULAR

Christian fellowship activities

Enjoy most outdoor sports and activities, theatre, leisure reading, crosswords, puzzles etc.

Participated in competitive Hockey and Handball as well as Basketball at University of Nairobi, 1985 - 1989.

Competitive Hockey and Athletics at High School level.

REFEREES

1. Dr. Livingstone M Ngoo

Chairman, Electrical and Electronic Engineering Dept., JKUAT, Box 62000 – 00200 Nairobi, Kenya (mwalungoo@yahoo.com)

2. Prof. Alfred V Otieno

Department of Electrical and Communications Technology, Moi University, Box 43047 Eldoret, Kenya

3. Prof. Takehiko Tomikawa

Kanagawa Institute of Technology, 1030 Shimo-Ogino, Atsugi, 243-0292 Japan (tomikawa@ic.kanagawa-it.ac.jp)