

CURRICULUM VITAE

ICT Resource Centre
University of Agriculture,
P.M.B 2240,
Abeokuta, Ogun State, Nigeria.
E-Mail: ajayiob@unaab.edu.ng
Tel: 08033545659, 08053076741

AJAYI, Olutayo Bamidele.

DATE OF BIRTH: 4th May, 1967
NATIONALITY: Nigerian
SEX: Male
MARITAL STATUS: Married

PROFESSION: INFORMATION TECHNOLOGY SPECIALIST/SYSTEM PROGRAMMER

More than twelve years of extensive and comprehensive studies and practical experience in Information and Communication Technology advancement. I have a good understanding of Relational Database Management Systems and Object Oriented Technologies, their constructions and functionality as applied to information systems. I am able to use various analysis methods, tools and technologies with due regard to business requirements. I also have a good understanding of Data Warehousing, Supply Chain Systems and Forecasting Systems. I can demonstrate strong analytical skills to produce test plans approaching database and Internet Technologies. I am motivated by close client contact and team based project environments.

EDUCATION/ ACADEMIC QUALIFICATIONS OBTAINED (*with dates*)

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| I. University of Ibadan, Ibadan
Post Graduate Diploma in Petroleum Engineering | 1996 - 1997 |
| II. University of Agriculture, Abeokuta
B.Sc Mathematical Sciences (Computer Science option)
M.Sc Computer Science (Management Information Science)
P.hD Computer Science | 1987 – 1991, 2002

2010 |
| III. Oyemekun Grammar School, Akure
West African School Certificate (W.A.S.C) | 1979 - 1984. |

WORKING EXPERIENCE (Professional)

- I. University of Agriculture, Computer Centre, Abeokuta
Post: Chief System Programmer and Head, Network Administration & Internet Unit
Period: March 1995 till date.

- II. DEBIS Nig. Ltd., Ikeja - Lagos
Post: Coordinator, Software Department/Training
Period: September 1993 - March 1995
- III. JAROY Business and Computer Education Centre, Abeokuta
Post: Programmer/Instructor
Period: Jan. 1992 - Aug. 1992
- IV. Raw Materials Research and Development Council (RMRDC), Lagos
Duty: Industrial Attachment
Period: 3 months (1990)
- V. Ondo State Water Corporation, Akure
Post: Laboratory Technician
Period: July 1985 – November 1986

WORKING EXPERIENCE (Teaching)

- VI. Department of Computer Science, University of Agriculture, Abeokuta, Nigeria
Post: Adjunct Senior Lecturer
Period: April 2008 till date
- VII. University of Agriculture, Centre for Human Resources and Development, Abeokuta
Post: Part-time lecturer
Period: August 2003 till date.
- VIII. Babcock University, Ilishan-Remo,
Post: Part-time Lecturer
Period: September 2001 - November 2003
- IX. University of Agriculture, Science Laboratory Technologist Department, Abeokuta
Post: Part-time Lecturer
Period: September 1995 - October 2002

RESPONSIBILITIES INCLUDE:

- I. Reporting to the Head on matters relating to Computer.
- II. Generating Daily, weekly, monthly reports for Management.
- III. Carrying out detailed inspection of computer Hardware before acquisition and whenever necessary repair is required.
- IV. Administration of Network facilities, Internet and VSAT installation.
- V. Training of staff and other users on Computer appreciation.
- VI. Assisting on matters like Payroll, Annual Budget, Financial statement, stock reconciliation etc.
- VII. Developing in-house application programs.
- VIII. Planned and implemented full user web site and web enabled Content Management Systems (CMS).

- IX. Responding to and resolution of users problems
- X. Promoting software into production (live) environment and developing a test strategy.

PUBLICATIONS

A. DISSERTATIONS AND THESIS

- I. AJAYI, O. B. (1991): Industrial Raw Materials Information System (IRAMIS). A case study of Nigerian Local Raw Materials and Research Institutions. Bachelor of Science (Mathematical Sciences, Computer Science option) Thesis, University of Agriculture, Abeokuta.
- II. AJAYI, O.B. (1997): A Simulation Method for Computing Optimization of Gas Storage Reservoir. Postgraduate Diploma in Petroleum Engineering Thesis, University of Ibadan, Ibadan.
- III. AJAYI, O. B. (2002): A Cryptographic Multilingual Electronic-Mail User Agent: A close look at Quality Assurance and Security Critical Algorithm. M.Sc Thesis, University of Agriculture, Abeokuta.

B. LEARNED JOURNAL

- I. Ajayi, I. A., Ajayi, O. B. and Adeniran, O. J. (2010): Runtime Monitoring of Malicious Code in a Network, Issues in Informing Science and Information Technology Journal, US. Vol. 7.
- II. Ajayi, O. B., Akinde, A. D., and Akinwale, A. T. (2009): Framework on Hybrid Network Management System Using a Secure Mobile Agent Protocol. Issues in Informing Science and Information Technology Journal, US. Vol. 6. (in printing)
- III. Sodiya, A. S., Onashoga, S. A., and Ajayi, O. B. (2006): Towards Building Secure Software Systems. Issues in Informing Science and Information Technology Journal, US. Vol. 3.
- IV. Ajayi, O. B. (2003): Developing Internet-based Educational Software using “Network-aware” Language for science education. ASSET International Journal, University of Agriculture, Abeokuta, Nigeria. Vol. 2, No. 1.
- V. Ajayi, O. B. (2003): Electronic-Mail User Agent: Application of Multilingual, Multi-Platform, Quality Assurance and Security Critical Algorithms. ASSET International Journal, University of Agriculture, Abeokuta, Nigeria. Vol. 2. No. 1.
- VI. Sodiya, A. S., Ajayi, O. B., Okunlaya, S. A. (2003): Intrusion Detection Systems: The Panacea to Computer Security Problems. Nigerian Journal of Research and Production, Enugu State University of Science and Technology, Enugu.
- VII. Ajayi, O. B. (2003): The Development of a Computer-Based Management Information System Model for Secondary School Administration in Ogun State. Babcock Journal of Management and Social Sciences. Vol. 1 No. 2.

C. UNPUBLISHED PAPERS

- I. SODIYA, A. S., ONASHOGA, S. A., and AJAYI, O. B. (2005). “Towards Building Secure Software Systems”, *submitted for publication in Elsevier Journal of Computers and Security*.

- II. AJAYI, I. A. and AJAYI, O. B. (2005). "Conceptual Design of Integrated Dynamic Geographical Information System in Combating Environmental Disaster", submitted for publication in Nigerian Environmental Management Journal.

D. CONFERENCE PROCEEDINGS

- I. AJAYI, O.B. and AJAYI, I. A. (2006). Open-minded Electronic Learning: Towards Enabling Cost-effective Lifelong Learning. Published in Proceedings of the 2006 Informing Science and IT Education Joint Conference, Great Manchester, UK.
- II. Awodele, O, **Ajayi, I. A.** and Ajayi, O. B. (2006) College Of Natural Sciences International Conference Proceedings, University of Agriculture, Abeokuta, pg. 127-131.
- III. AJAYI, I. A. and AJAYI, O. B. (2005). "Information and Communication Technology Education in Nigeria: An Inner Perspective". 6th National Conference on Issues and Problems of Nation Building: The Nigerian Experience at Federal College of Education, Osiele. December 2005.
- IV. IBRAHIM, S. A., FOLORUNSO, O. and AJAYI, O. B. (2005). "Knowledge Discovery of Closed Frequent Calling Patterns in a Telecommunication Database". Published in Proceedings of the 2005 Informing Science and IT Education Joint Conference, Arizona, USA.
- V. SODIYA, A. S., AJAYI, O. B. and IBRAHIM, S. A. (2004). "The Future of Information Security Technology in Nigeria Educational Institution", presented at the 1st International Conference on Science and National Development organized by College of Natural Sciences, University of Agriculture, Abeokuta, Nigeria. October, 2004.
- VI. AJAYI, O.B. and AJAYI, I. A. (2002): Evolving a "Network-aware" Language on Web-based Educational Software. COAN Conference Series, Vol. 13.
- VII. SODIYA, A. S., AJAYI, O. B. and OKETAYO, E. O. (2000): Information Security on E-commerce. COAN Conference Series, Vol. 11.

E. TECHNICAL PAPERS

- I. AJAYI, O. B. (2005). "Strategies for Lifelong Electronic Learning". A technical paper presented at the Workshop for Secondary Schools Teachers and Administrators, Federal College of Education, Osiele. December, 2005.
- II. AJAYI, O. B. (2005). "ICT and eLearning at UNAAB". A technical paper and case study of the University of Agriculture, Abeokuta (UNAAB) presented at the International workshop on Web Enabling Technologies and Strategies for Scientific e-Learning, Trieste, Italy. November, 2005.

F. BOOK/MONOGRAPH

- I. Introduction to Programming in Fortran. Volume I. First published 2004. ISBN 978-37209-3-7
- II. Developed a training manual for CTA/UNAAB Regional Course on Scientific Data Management at University of Agriculture, Abeokuta. July, 2003.
- III. Developing a chapter in "bias, misinformation, and disinformation in informing systems" A book in Informing Science Institute, US.

- IV. Contributor in Encyclopedia of Information Communication Technology Edited by: Antonio Cartelli and Marco Palma, University of Cassino, Italy 13-digit ISBN: 978-1-59904-651-8. Vol. I A-Im, Pages 127-131; 2008

COURSES/WORKSHOPS ATTENDED (with dates)

- I. Software Training course at NEPA Thermal Station, Egbin, Ikorodu (April/May, 1992) and Computer Operations course for Project Planning, Monitoring and Management at DERIN Nigeria Ltd. (Computers and Communications), Yaba - Lagos (July/August, 1992).
- II. Installation Training Workshop for Micro-wave frequency counter, Ultra-sonic generator, weather station, Personal Computers, Printers (Lasers & Matrix), General fault finding and rectification on PC's and printers: Organised at Kano by John Laing U.K. Ltd (a World Bank Project) - October, 1995.
- III. World Bank Assisted Programme on University Accounting System using Tetra2000 Accounting Package at University of Agriculture, Abeokuta - January, 1997.
- IV. Training of PEX, Draftsmen on CorelDraw using data from Geophysical Applications (e.g CGM format of Scanned Image, Maps, etc. at AGIP (NAOC), PortHarcourt. Tracing of Contours showing the fault lines and Oil Wells using Geophysical Applications and AutoCAD Applications. - February 1997.
- V. Strategic Planning in Higher Educations organised by University of Agriculture, Abeokuta September 1998
- VI. Foundation Post Graduate Course on Robust Control System Design May/June 1999
- VII. Fuzzy dynamic Programming and its Applications to Decision and Control, "Controllability of Delta Systems" and "Super Convergent H.I. Galarkin-Connocation and Quasi-Interactive Method for Boundary Value Problems" at National Mathematical Centre Abuja - June 1999
- VIII. Web Page Design and use of Electronic Networks organised by CTA-Netherlands 19-30 July 1999
- IX. Y2K solutions organised by Nigeria University Commission (NUC) for Nigerian Universities -December 1999.
- X. Advanced Web Page Design and Network organised by CTA - Netherlands at COSTECH - Tanzania 18th - 30th September 2000
- XI. Computer Maintenance Workshop at University of Lagos, Lagos – 31st October – 2nd November 2001
- XII. CTA/UNAAB Regional Course on Scientific Data Management at University of Agriculture, Abeokuta. (Resource Person). 21st July – 1st August 2003.

- XIII. Linux Operating System Fundamentals Training Course organised by General Data Engineering Plc (Skannet), Bodija, Ibadan. 23rd – 26th September 2003.
- XIV. Educational Trust Fund Capacity Building Information Technology Workshop, Obafemi Awolowo University, Ile-Ife, Nigeria. 15th September – 17th October, 2003.
- XV. Retraining Workshop on Administrative Practises for Heads of Academic Department/Units and Senior Non-Teaching Staff, UNAAB, Abeokuta. 16th August 2004.
- XVI. Consulting Skills Development Workshop, Challenges and Prospects, UNAAB, Abeokuta. 6th October, 2004.
- XVII. Advanced Web Page Design course organised by CTA in collaboration with CSIR-INSTI, Ghana. 3-14 October, 2005.
- XVIII. Web Enabling Technologies and Strategies for Scientific e-learning at ICTP, Trieste, Italy. 7 – 12 November, 2005.
- XIX. Educational Trust Fund Capacity Building Information Technology Workshop on AutoCAD, Rufus Giwa Polytechnic Owo, Nigeria. July, 2006.
- XX. Workshop on Optimization Technologies for Low-bandwidth Networks at ICTP, Trieste, Italy. 09 – 20 October, 2006

HONOUR

Recipient of Honourary Membership Award from Man O' War Club, University of Agriculture, Abeokuta (May, 1992).

EXTRA CURRICULUM ACTIVITIES

- I. Member and President VOA Versity Listeners' Club, Abeokuta.
- II. Member, Computer Association of Nigeria (COAN).
- III. Member, Computer Professional of Nigeria (CPAN).
- IV. Associate Member, Society of Petroleum Engineering (SPE)
- V. Member, Informing Science Institute, USA.
- VI. Associate Fellow, Institute for Operations Research of Nigeria (INFORN)
- VII. Member, Information Resources Management Association, USA

HOBBIES

Reading, Swimming, Travelling and Playing volley ball.

MY PERSON AND CAREER

A challenge driven lateral thinker with a relaxed style to achieving set goals, pro-active with excellent communication skills. A great team player with excellent interpersonal skills, coupled with willingness to adapt and a flexible approach to life. Always eager to learn new things and able to work effectively at all levels within organisations.

REFEREES

Dr. A. T. Akinwale,
Head of Department,
Department of Computer Science
University of Agriculture, Abeokuta, Nigeria
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Dr T. M. Salisu
Director, Centre for Human Resources and Development
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Dr. O. J. Adeniran
Deputy Dean
College of Natural Sciences
University of Agriculture
Abeokuta, Nigeria
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