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**ADEKOYA** Adebayo Felix

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Degree: B.Sc., M.Sc., MBA

Email:

Telephone:

Fax: 234-39-243045

Department: Computer Science

Academic Rank: Lecturer I

Current position:

Research Interest:



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## **DETAILED RESUME**

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### **ACADEMIC DEGREES WITH DATE**

- Master of Science in Computer Science (Distinction) - 2002
  - Post-Graduate Diploma in Education - 2001
  - Master in Business Administration - 1998
  - Bachelor of Science - 1993
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### **INSTITUTIONS ATTENDED WITH DATE**

- University of Agriculture, - 2002
  - Lagos State University, Ojo - 2001
  - Ogun State University, Nigeria - 1997
  - Ogun State University, Nigeria - 1993
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### **MEMBERSHIP OF PROFESSIONAL BODIES**

- Associate Member, Nigerian Institute of Management 1999
  - Associate Member, Science Teachers Association of Nigeria 2001
  - Commonwealth Association for Science, Technology and Mathematics Educators 2002
  - Member, Nigerian Computer Society 2004
  - Member, Computer Professionals Registration Council of Nigeria 2007
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### **PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.**

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### **COURSES TAUGHT**

1. **Lecturing (Teaching, Research & Community Development)**

Department of Computer Science,

University of Agriculture,  
Abeokuta, Nigeria.

**Previous Status & Date:** Lecturer II Nov. 2003 –  
Sept. 2007

**Current Status & Date:** Lecturer I Oct. 2007-date

2. **Lecturing (Teaching, Research & Community Development)**

Department of Computer Science,  
Lagos State College of Primary Education (LACOPED),  
Noforija-Epe.

**Status & Date:**

a. Assistant Lecturer July 1995 - October  
1998.

b. Lecturer III Nov. 1998 – Sept.  
2001.

c. Lecturer II Oct. 2001 –  
Oct. 2003.

3. **Extension Data Analyst**

Planning, Monitoring & Evaluation Department,  
Katsina State Agricultural & Rural Development Authority,  
Zone II, Funtua, Katsina State, Nigeria.

June 1994 - May 1995.

*Work Experience outside University of Agriculture, Abeokuta*

1. **Associate Lecturer**

TALIF/World Bank Exchange Program,

University for Development Studies,

Navrongo, Ghana.

2006/2007 Academic Session.

a. **Undergraduate:** Numerical Computations, Operating Systems, Compiling Techniques, Artificial Intelligence, Systems Analysis, Algorithms & Data Structures, and Information Theory.

b. **Postgraduate Diploma:** System Design, Compiling Techniques and Programming Languages.

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**RESEARCH CONDUCTED**

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**PUBLICATIONS**

1. *Published Journal Articles*

1. **Adekoya,A.F.** (1996): "Problems and Prospects of Computer Education in Nigerian Schools. LACOPED Journal of Primary Science. Vol. 1 No. 1

2. **Adekoya, A.F.** (1998): “Emerging Technology and Computer Education: An Agenda for Nigeria Towards Effective Integration into the next millennium. The Academic Review: Journal of Educational Practical in Nigeria. Vol. 1 No. 1.
3. **Adekoya, A. F.** (1999): “On-Line Education in Nigeria: Myth & Reality. The Academic Review: Journal of Educational Practical in Nigeria. Vol. 2 No. 1.
4. **Adekoya, A. F.** (2000): “Challenges of Computer Education in the Schools in Year 2000 and Beyond: Recommendations”. LACOPED Journal of Primary Science. Vol. 2 No.1
5. **Adekoya, A. F. & Adekoya, B. A.** (2002). The Relevance of Computer Graphics to Visual Productions: An Exposition. Nigerian Journal of Computer Literacy. University of Ibadan, Ibadan. Vol. 3. No. 1.
6. **Adekoya, A. F. & Akinwale, A. T.** (2003). Comparative Analysis of the Efficiencies of Two Optimization Techniques in Ditrributed Database Systems. ASSET. An International Journal. University of Agriculture, Abeokuta. 2(1):45 – 60.
7. **Adekoya, A. F. & Abari, A.** (2003). Comparative Analysis of Library and Internet as Research Centers. Nigerian Journal of Computer Literacy. University of Ibadan, Ibadan. 4(1):29 – 44.
8. **Adewale, O. R. & Adekoya, A. F.** (2006). An Enhanced Web-Enabled Rank Analysis of Commercial Companies. Asian Journal of Information Technology. 5 (11):1180 – 1190.

9. **Adekoya, A. F. & Kayode, O. (2007).** On Ensuring Total Quality of Computer Audits. Asian Journal of Information Technology. 6 (1):89 – 94.
10. **Adekoya, A. F., Akinwale, A. T. & Sofoluwe, A. B. (2008).** Towards an Ontological Approach to Software Engineering. Journal of Contemporary Issues, ASUU, University of Lagos. *Volume 2 No. 1.*

2. ***Refereed Conference Proceedings***

1. **Adekoya, A. F. (2001).** Effective Information and Communication Strategy: A vital imperative for a strong virile and progressive students' unionism. A chapter in *Students Unionism in Nigeria (A cost Analysis of Effects 1970 - 2000)* Edited by Abimbade, A., Adesipo, T.A and George A. (2000). Lagos State College of Primary Education, Epe.
2. **Adekoya, A. F. (2001).** Establishing Performance Criterion Indices For The Universal Basic Education (UBE) scheme through Computer Literacy. A chapter in *Successful Implementation of Universal Basic Education Scheme (UBE) in Nigeria.* Edited by Dr. Ogunwole, E. A. Federal College of Education, Kontagora, Niger State (2001).
3. **Adekoya, A. F. & Ayodele, O. T. (2002).** A Survey into the Level of On-the-Job Professional Training Acquired by STM Teachers at the Primary and Secondary School Level. A chapter in *Science, Technology and Mathematics Education For Sustainable Development in Africa.* Edited by Dr. Akale, M. A. G. A conference proceeding of the Commonwealth Association for Science, Technology and Mathematics Educators (2002).

4. **Adekoya, A. F.** & Oludipe, O. (2003). An Appraisal of STM Research Standards in Lagos State College of Primary Education: The Computer Criterion. A chapter in *Standards for Science, Technology and Mathematics Educational Research*. Edited by Prof. T. D. Baiyelo & Prof. 'Temi Busari. Proceeding of the Second National Conference of the National Association for Science Education Research (2003). 186-194
  
5. Olatunji, M. O. & **Adekoya, A. F.** (2006). Computer-Based Management Information System in Health-Care Delivery Institutions: Computerization of UNAAB Health Centre. In *Science and National Development: Proceedings of the Second International Conference on Science and National Development, University of Agriculture, Abeokuta, Nigeria* 10-13 Oct 2006. 107-113.
  
6. **Adekoya, A. F.** (2007). Information and Communication Technology in Microfinance Business Development. In *Proceedings of the 2<sup>nd</sup> International Conference on Application of ICT to Teaching, Research and Administration (AICTTRA 2007), Obafemi Awolowo University, Ile-Ife, Nigeria*. 24-27 Sept 2007. 9 -13.
  
7. **Adekoya, A. F.**, Akinwale, A. T., Arogundade, O. T., & Ojo, O. (2008). Design and Implementation of a Web-Based Tourism Information System. In *Proceedings of the 22<sup>nd</sup> National Conference Of Nigeria Computer Society on Enabling Capacities of Information Technology for Sustainable National Development (ENCITDEV), Abeokuta, Nigeria*. 24-27 June 2008. 263 - 266.
  
8. Arogundade, O. T., Akinwale, A. T., **Adekoya, A. F.** & Ladeinde, A. (2008). Simulation of National Income Accounting Using Information Technology. In *Proceedings of the 22<sup>nd</sup> National Conference Of Nigeria Computer Society on Enabling Capacities of Information Technology for Sustainable National Development (ENCITDEV), Abeokuta, Nigeria*. 24-27 June 2008. 266 - 270.

9. **Adekoya, A. F.**, Akinwale, A. T., & Okesola, A. (2008). A Genetic-Based Career Advisory Expert System. In *Proceedings of the 3<sup>rd</sup> International Conference on Application of ICT to Teaching, Research and Administration (AICTTRA 2008)*, Obafemi Awolowo University, Ile-Ife, Nigeria. 24-27 Sept 2007. 143- 149.
  
10. **Adekoya, A. F.**, Akinwale, A. T & Oke, O. E. (2008). A Medical Expert System for Managing Tropical Diseases. In *Science and National Development: Proceedings of the Third International Conference on Science and National Development, University of Agriculture, Abeokuta, Nigeria* 24<sup>th</sup> – 27<sup>th</sup> Nov. 2008.

3. **Books/Chapter Contributions**

1. Adekoya, A. F. & Adekoya, B. A. (2001). Information and Communication Technologies In Agriculture. A chapter contribution in *Fundamentals of Modern Agriculture*, edited by Adebayo, A. A. & Ogungbe, P. W., D’Laurel Publication Company, Ibadan, Nigeria.
  
2. Adekoya, A. F. (2004). *Computer Teaching Pedagogy*. Hardsoft Specialists, Lagos, Nigeria. (Editor).
  
3. Adekoya, A. F. & Alagbala, E. T. (2004). Strategies for Effective Management of Computer Laboratory. A chapter contribution in *Computer Teaching Pedagogy*, edited by Adekoya, A. F., Hardsoft Specialists, Lagos, Nigeria.
  
4. Adekoya, A. F. (2004). Resources and Resource Management of Computer Laboratories. A chapter contribution in *Computer Teaching Pedagogy*, edited by Adekoya, A. F., Hardsoft Specialists, Lagos, Nigeria.



5. Adekoya, A. F. & Benedict, F. T. (2004). Strategies for Promotion and Advancement of Computer Literacy. A chapter contribution in *Computer Teaching Pedagogy*, edited by Adekoya, A. F., Hardsoft Specialists, Lagos, Nigeria.

4. **Research Projects**

1. Development of A Library Information Management Systems (LIMS): A Case Study of Ogun State University Library. B.Sc Computer Science Research Work. Unpublished.
2. Capital Market: Investigating The Role of Foreign Participants In Mergers Acquisitions Schemes In Nigeria. MBA Research Thesis. Unpublished.
3. Comparative Analysis of Library and Internet as Research Centers. PGDE Project, LASU.
4. A Model for Optimizing Dynamic Storage Allocation in Distributed Database Systems. M.Sc Computer Science Dissertation. Published
5. A Knowledge Portal for Information Extraction And Summarization Using Ontological Engineering. Ongoing Ph.D. Research Thesis.

5. **Workshops/Seminars Attended**

1. **“IMPROVING THE EFFECTIVENESS AND EFFICIENCY OF TEACHERS IN THE CLASSROOM SITUATION”**. Organised by Lagos State College of Primary Education Noforija, Epe between 4<sup>th</sup> and 6<sup>th</sup> September, 1995.

2. **ORIENTATION COURSE FOR NEWLY EMPLOYED STAFF** of Lagos State College of Primary Education held on 23<sup>rd</sup> March, 1996.
3. **“EXAMINATION ADMINISTRATION AND EVALUATION TECHNIQUES”**. Organised by IB-19 Superclass Consult for Academic Staff of Lagos State College of Primary Education 22<sup>nd</sup> and 25<sup>th</sup> April, 1996.
4. **“COMPUTATION AND COMPILATION OF RESULTS”**. Organised by Lagos State College of Primary Education, Noforija between 2<sup>nd</sup> and 4<sup>th</sup> June, 1996.
5. **“VISION FOR INFORMATION TECHNOLOGY PROGRAMME FROM NOW TILL YEAR 2010”**. Organised by the Computer Association of Nigeria (COAN) on 21<sup>st</sup> May, 1997 at Nigeria Institute of international affairs, Victoria Island, Lagos.
6. **“TRENDS AND METHODS IN SCHOLASTIC RESEARCH & BOOK WRITING”**. Organised by IB-19 Superclass Consult for Academic Staff of Lagos State College of Primary Education Lagos between 26<sup>th</sup> and 28<sup>th</sup> August, 1997.
7. **POST-GRADUATE FOUNDATION COURSE IN ROBUST CONTROL SYSTEM**, National Mathematical Centre, Abuja, Nigeria 1999
8. **“FUZZY DYNAMIC PROGRAMMING AND ITS APPLICATIONS TO DECISION AND CONTROL”** by Prof. A. O. Esogbua, Georgia Institute of Technology, Atlanta-Georgia, USA at the National Mathematical Center, Abuja on Monday May 31, 1999.

9. **“CONTROLLABILITY OF DELAY SYSTEMS”** by Prof. J.U. Onwuatu, Federal University of Technology, Owerri & **“SUPERCONVERGENT 11.1 GALARTKIN-CONNOICATION AND QUASI-ITERATIVE METHOD FOR BOUNDED VALUE PROBLEMS”** by Pro. K.R. Adeboye, Federal University of Technology, Minna at the National Mathematical Center, Abuja on Saturday, June 5, 1999.
10. **“E-MAIL ACCESS AND USAGES USING EUDORIA-PRO”** A one day in-house training conducted by D-Net Systems Limited at Lagos State College of Primary Education, Noforija, Epe on April 4, 2000.
11. **“INTRANETS: PLANNING, DESIGN, CONFIGURATION AND SET-UP”**. A Seminar organised by Computer Association of Nigeria held at Airport Hotel, Lagos on August, 24, 2000.
12. **NCCE/UNESCO Train the Trainers workshop for Science and Mathematics Educators in Colleges of Education September 25<sup>th</sup> to 29<sup>th</sup> 2001** at Adeyemi College of Education, Ondo.
13. **4<sup>th</sup> African Mathematical Union-Pan African Mathematics Olympiad Symposium on Training and Research** held at University of Agriculture, Abeokuta between 5<sup>th</sup> and 10<sup>th</sup> April, 2005.
14. **ICT CAPACITY BUILDING PROGRAMME IV**. A 3-week workshop sponsored by the Education Trust Fund between July 11<sup>th</sup> and July 29<sup>th</sup>, 2005 at University of Agriculture, Abeokuta.

15. **COMPUTER APPLICATIONS TO THE ANALYSIS & MANAGEMENT OF NATURAL RESOURCES (GEOMATICS).** A 3-week summer training organized by United Nations University Institute of Natural Resources in Africa held at University of Yaounde I, Cameroon between August 22<sup>nd</sup> and September 8<sup>th</sup>, 2005.
  
  16. **SOFTWARE ENGINEERING USING THE UML AND FORMAL MODELLING AND VERIFICATION IN COMMUNICATING SEQUENTIAL PROCESSES.** A 2-week international school organized by United Nations University International Institute for Software Technology, Macao, China held at Obafemi Awolowo University, Ile-Ife, Nigeria between May 14<sup>th</sup> and 25<sup>th</sup>, 2007.
  
  17. **SYSTEMS SPECIFICATION AND MODEL CHECKING.** A 2-week international school organized by United Nations University International Institute for Software Technology, Macao, China held at University of Lagos, Lagos, Nigeria between July 2<sup>nd</sup> and 14<sup>th</sup>, 2007.
  
  18. **WORKSHOP ON RICH-MEDIA WEBCASTING TECHNOLOGIES FOR SCIENCE DISSEMINATION.** A 9-day international school organized by The Abdus International Center for Theoretical Physics, Trieste, Italy held at Adriatico Guest House, Trieste, Italy between December 3<sup>rd</sup> and 11<sup>th</sup>, 2007.
  
  19. **SOFTWARE ENGINEERING AND FORMAL METHODS.** A 2-week international school organized by United Nations University International Institute for Software Technology, Macao, China held at University of Cape Town, Cape Town, South Africa between October 27<sup>th</sup> and November 7<sup>th</sup>, 2008.
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