ONASHOGA, Saidat Adebukola (Nee Okunlaya)

{formerly **IBRAHIM** Saidat Adebukola}

Degree:	B.Sc., M.Sc.
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Department:	Computer Science
Academic Rank:	Lecturer II
Current position:	
Research Interest:	

ACADEMIC DEGREES WITH DATE

M.Sc., Computer Science	-	2004
B.Sc. Mathematical Science (Computer Sc. Option)	-	2000
Nigerian Certificate in Education (Maths or/Computer)	-	1995

INSTITUTIONS ATTENDED WITH DATE

University of Agriculture, Abeokuta	-	2001 – 2004
University of Agriculture, Abeokuta	-	1997-2000
Federal College of Education, Osiele, Abeokuta	-	1992 - 1995

MEMBERSHIP OF PROFESSIONAL BODIES

Member, Nigeria Computer Society (NCS)

Member, Informing Science Institute (ISI), USA

Member, Nigeria Association of University Women (NAUW)

PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.

- A commendation letter for an outstanding CGPA 1998/1999 session by Head, Department of Mathematical Science, University of Agriculture, Abeokuta, Ogun State, Nigeria.
- Federal Government Scholarship Award for Postgraduate Studies (2002/2003).

COURSES TAUGHT

RESEARCH CONDUCTED

PUBLICATIONS

I. **ONASHOGA, S. A.,** SODIYA, A. S., and OMOTOSO, B.   G. (2009). "A Tabu Search Algorithm for Consumer Financial Optimization System", *Journal of Computer Science and Its Application, Vol. 16, No. 1,* June, 2009.

II. SODIYA, A. S., **ONASHOGA, S. A**. and ADEPOJU, B. T. (2009). "Evaluating   the Impact of Intrusions on Computer System", *Journal of   Computer   Science   and   Its Application, Vol. 16, No. 1,* June, 2009.

III**. ONASHOGA, S. A.**, AKINDE, A. D. and SODIYA, A. S. (2009). "A Strategic   Review   of   Existing Mobile Agent-based Intrusion Detection Systems",   *Journal of Issues in Informing Science and Information Technology,*   USA, Vol. 6.

IV. SODIYA, A. S. and **ONASHOGA, S. A**. (2009). "Component-based Access   Control Architecture", *Journal of Issues in Informing Science and   Information Technology,* USA, Vol. 6.

V. SODIYA, A. S., **ONASHOGA, S. A**. and AJAYI, O. B. (2007). "Threat   Modelling using Fuzzy Logic Paradigm", *Journal of Issues in Informing   Science   and   Information Technology,* USA, Vol. 4, 2007

VI. SODIYA, A. S., LONGE, H. O. D., **ONASHOGA, S. A**. AWODELE, O.   and OMOTOSHO, L. O. (2007). "An Improved Assessment of Personality   Traits in Software Engineering", *Interdisciplinary Journal of Information,   Knowledge and Management,* USA, Vol. 2, 2007. pp. 163 - 177

VII. SODIYA, A. S., **ONASHOGA, S. A.**, and AJAYI O. B. (2006). "Towards Building Secure Software Systems", *Journal of Issues in Informing Science and Information Technology,* USA, Vol. 3, 2006. pp. 635 – 646

VIII. SODIYA, A. S., LONGE, H.O.D. and **IBRAHIM, S. A.**, (2005). "Data Mining Based Intelligent Equipment Maintenance In Telecommunication Network", *Journal of Applied Computer Science,* Poland Vol. 13, No. 1.

B. CONFERENCE PROCEEDINGS

I. **ONASHOGA, S. A.,** SODIYA, A. S., AKINWALE, A. T. and AKINLAWON, O.J. (2008). "Analysis of the Performance of employed IT graduates at different higher levels of Education", In the proceedings of the 3rd *International Conference on Science and National Development, College of Natural Sciences, University of Agriculture, Abeokuta.*

II. SODIYA, A. S., **ONASHOGA, S. A.**, ROSANWO, O. D., and LAWAL, B. H. (2008)**.** "Managing ICT Infrastructure in Higher Educational Institutions", In the proceedings of the 3rd *International Conference on Science and National Development, College of Natural Sciences, University of Agriculture, Abeokuta.*

III. SODIYA, A. S., AKINWALE, A. T. and **ONASHOGA, S. A.** (2008). "A Framework for Mixed Cropping Decision Support System", *Nigeria Computer Society (NCS) Conference Proceedings,* pp 181 - 186*.*

IV. **ONASHOGA, S. A.**, SODIYA, A. S., and ADEKOYA, A. O. (2007). "An e-Marketplace for UNAAB Campala", In the proceeding of 2nd *International Conference on Science and National Development, College of Science, University of Agriculture, Abeokuta,*

V. SODIYA, A. S., **ONASHOGA, S. A.**, DANSU, B. M., and ADELEYE, B. A. (2007). "An Assessment of Knowledge Management Capabilities of Nigerian Banking Institutions", In the proceeding of 2nd *International Conference on Science and National Development, College of Science, University of Agriculture, Abeokuta.*

VI. **IBRAHIM, S. A.**, FOLORUNSO, O., AJAYI, O.B.(2005) "Knowledge Discovery of Closed frequent Calling Patterns in a Telecommunication Database", *Proceedings of the 2005 Informing Science and IT Education Joint Conference, Flagstaff, Arizona, USA. Pp 137 – 148.*

VII. SODIYA, A. S., AJAYI, O. B. and **IBRAHIM, S. A.** (2003). "The State of Information Security in South-Western Nigerian Educational Institutionals", Proceedings of 1st *International Conference on Science and National Development, College of Science, University of Agriculture, Abeokuta.*

C. DISSERTATION AND PROJECTS

I.   **IBRAHIM, S. A.** (2004): An Efficient Pattern-Growth Mining of Closed Frequent Itemsets. M.Sc. Computer Science Dissertation, University of Agriculture,   Abeokuta. (unpublished)

II. **OKUNLAYA, S. A.** (2000): A Computerised System for the Allocation of Bursary: Case Study: Ogun State's students. B.Sc. Mathematical Science (Computer Sc.) Project, University of Agriculture,   Abeokuta. (unpublished)

III. **OKUNLAYA, S. A.** (1995): Computerization of Pension Scheme. N.C.E. (Maths/Computer), Federal College of Education, Osiele, Abeokuta.   (unpublished)

D.   RESEARCH IN PROGRESS

I.   Ph.D. Computer Science (Computer Security)   (in-view)

      Proposed thesis title: A Distributed Architecture for Intrusion Detection using MultiAgent System.

II.   Mining of Prevalent Ailments in a Health database using FP-Growth Algorithm (submitted for review)

III. A Countermeasure Strategy for detecting online dictionary attack

      (Submitted for review)

IV.   A Framework for Mining Closed Frequent patterns to Detect Intrusions.
      (Submitted for review)