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Amr Mausad Sauber

Material Status : Married
Birth Date : 14/7/1982
Address : Menoufya, Berket el Sabaa, Mahkama Square
Phone : 0113499800-01017557990
Email : AmrMausad@computalityit.com
Web Site : www.Computalityit.com
Military Service: Fulfilled

Career : - Assistant Professor of Computer Science,
Math Department, Faculty of Science,
Menoufiya University since 1-2012

- Lecturer of Computer Science, Math
Department, Faculty of Science,
Menoufiya University from
6-2008 to 1-2012

- Demonstrator of Computer Science,
Math Department, Faculty of Science,
Menoufiya University from
1-2004 to 6-2008

Appointment Date: 21/1/2004

Qualifications :

Ph. D. Computer Science 2011

(Parallel Data Mining using GA and ANNs)

Master Computer Science 2008

(Materialized Views in Data warehouses)

B. Sc. Pure Math & Computer Science 2003

Grade : Very Good

Graduation year : 2003

Research Interests:

**Software Engineering, Data Mining, Parallel Programming,
Semantic web, Arabic Language Engineering**

List of Publications:

- 1. Amr Mausad Sauber “Using Shadow indices to incrementally maintain aggregate views”, 42nd Annual conference on Statistics, Computer Science and Operation Research 2007, Egypt**
- 2. Amr Mausad Sauber “Shadow indices: A hybrid technique to incrementally maintain materialized views”, 42nd Annual conference on Statistics, Computer Science and Operation Research 2007, Egypt**
- 3. Ismael A. Ismael, M. Amin, Passent M. Elkafrawy and Amr M. Sauber “Arabic Character Recognition using Statistical Moment Invariants and ANN ” published in the Tenth Conference on Language Engineering at the faculty of engineering Ain Shams University 2010.**
- 4. Passent M. Elkafrawy and Amr M. Sauber “Using class decomposition for building GA-based Classifiers”, accepted in the 2nd International Conference on Data Mining and Intelligent Information Technology Applications (ICMIA2010).**
- 5. Ismael A. Ismael, M. Amin, Passent M. Elkafrawy and Amr M. Sauber “Using Statistical Moment Invariants and Entropy in Image Retrieval” published International Journal of Computer Science & Information Security Vol. 7, No. 1, January 2010 ISSN 1947-5500**
- 6. Ismail I. Amr, Mohamed Amin , Passent El-Kafrawy, and Amr M. Sauber. "Arabic Character Recognition Using statistical Moment Invariants and ANN" The Tenth Conference on Language Engineering, December 16-17, 2010, Cairo, Egypt.**
- 7. Ismail I. Amr, Mohamed Amin , Passent El-Kafrawy , and Amr M. Sauber Using Statistical Moment Invariants and Entropy in Image Retrieval International Journal of Computer Science and Information Security. 7 (1), pp. 160-164, January 2010**
- 8. Passent M. Elkafrawy and Amr M. Sauber “Using Class Decomposition for Building GA with Fuzzy Rule-based Classifiers” published in Twenty Fourth International Conference on Industrial Engineering & Other Applications of Applied Intelligent Systems 2011, Springer**
- 9. Ismael A. Ismael, M. Amin, Passent M. Elkafrawy and Amr M. Sauber “Parallel Multi-Objective GA Rule extraction” accepted in The 15th WSEAS International Conference on COMPUTERS Corfu Island 2011, Greece.**
- 10. Ismael A. Ismael, M. Amin, Passent M. Elkafrawy and Amr M. Sauber “Parallel class decomposition for building GA Rule-based classifiers” accepted in The 2nd International Conference on Next Generation Information Technology Gyeongju 2011, Republic of Korea.**

11. Ismael A. Ismael, M. Amin, Passent M. Elkafrawy and AmrM. Sauber
“Efficient Multi-Objective GA Rule extraction—EMOGAR ” accepted in
2011 International Conference on Network Communication and Computer
(ICNCC 2011)
12. Passent El-Kafrawy, and Amr M. Sauber. Using Class
Decomposition for Building GA with Fuzzy Rule-based Classifiers,
Proceedings of 24th International Conference on Industrial
Engineering & Other Applications of Applied Intelligent Systems
IEA/AIE Lecture Notes in Computer Science Springer 2011.
13. Passent El-Kafrawy , and Amr M. Sauber “Multi-Objective GA rule
extraction in a parallel framework”. Proc of the 15th WSEAS
International Conference on Computers, Greece , July 2011
14. Passent El-Kafrawy, and Amr M. Sauber “Parallel class decomposition for
building GA Rule-based classifiers”, Egyptian Computer Science Journal,
62 (3) September 2011.
15. Passent El Kafrawy, Amr Mausad, Awad Khalil. “Multi-Label
classification for Mining Big Data” International Conference on
Advances in Big Data Analytics. July 27-30, 2015, Las Vegas, USA
16. Passent El Kafrawy, Amr Mausad, Heba Esmail, “Experimental
Comparison of Methods for Multi-label Classification in different
Application Domains” IJCA March 2015, 114 (19) 20083-1666.

Skills: Mastering a lot of programs, Tools and Programming languages

- **Technologies**
SOA, OOP, UML, System Analysis & Design, OCX,
COM, COM+, DAO, OLAP, ADO, ADO.Net
- **Languages & Tools**
ASP.net, Razor, JavaScript, PHP, C#, T-
SQL, MySql, SQL Server, Oracle Database,
Oracle BI, Visual basic 6.0, C/C++, Java
Assembly, Pascal, Clipper, Database III plus,
Prolog, Basic and I have been using Crystal
Reports since version 4.6 to version X , IIS

○ **Programs**

MS Visio, MS Project, Dia, Planner, MS office

Current Interests:

Linux, Python, Django, BI

Courses :

I had successfully completed the Oracle University courses:

- 1- Oracle DB 10g: Introduction to SQL**
- 2- Oracle DB 10g: Program with PL/SQL**
- 3- Oracle DB 10g: Administration Workshop I**
- 4- Oracle DB 10g: Administration Workshop II**
- 5- Oracle DB 11g: Administration Workshop I**
- 6- Oracle DB 11g: Administration Workshop II**
- 7- Oracle Business Intelligence Enterprise Edition**

Experience :

- **I am the founder and the head of software Engineering department in Computality iT a leading company in information technologies, I played a major role in the following products;**
 - ✓ **Concrete: A Program to Monitor a cement merchant company and manage Accounting, Safe and Taxes (Obsolete).**
 - ✓ **Anything: A Program to Manage a Department Store that has multiple branches and Monitor Cash, deferred and Installment Sales (Obsolete).**
 - ✓ **Contributions in the Official Site of the Faculty of Science, Menoufiya University.**

 - ✓ **Supervisor: A leading Software/Web Student affairs System for Managing Credit Hours Studying System.**

 - ✓ **Accountant: A leading and fully-customized Financial & Accounting System ranging from**

POS to multi-branch, multi-site, multi-commercial activities organization.

- ✓ **Cement: A leading Real State and Contracting Management Software**

- ✓ **ActivityManager: A leading Software/Web System for managing Educational Organizations and Schools**

- **Also, I had technically supervised about 50 graduation projects in my faculty**
- **I have worked as an assistant in my faculty for 7 years.**
- **I have been working as an lecturer in my faculty for 3 years**
- **I've about 14 years of programming experience.**
- **I worked as an instructor .Net, C#, SQL Server 2005 in several Training Centers.**
- **I have a good expertise in research and I have taught the following at university.**
 - ✓ **System Analysis and Design**
 - ✓ **Software Engineering**
 - ✓ **Data Structures**
 - ✓ **Algorithms Analysis and Design**
 - ✓ **Database Theory**
 - ✓ **Discrete Math**
 - ✓ **Computer Language &OOP**
 - ✓ **Assembly Language**
 - ✓ **Generating Reports**