

Curriculum Vitae

Personal Data

Name: Rasha Mohamed Ismail
Birth date: November 23, 1976 AD
E-Mail: rashaismail@yahoo.com
rashaismail@fcis.asu.edu.eg
Phone Number: 202-4103802
Mobile Number: 2010-1877445
Address: 11 EL-Adib Ali Adham – Sheraton Heliopolis - Cairo
- Egypt

Current Position

November –2009
Present
Assistant Professor, Faculty of Computer and
Information Sciences, Ain Shams University, Cairo,
Egypt.

Education

Ph.d
Date: November 5 , 2009 AD
From: Information Systems Department,
Faculty of Computer and Information Sciences,
Ain Shams University
Subject: Computer Science and Information Systems
Title: Design and Analysis of Data Warehouses in a
Distributed Environment
Supervisors: Prof. Dr. Mohammed Ali El-Sharkawy
Prof. Dr. Mohamed Said Abdel-Wahaab
Prof. Dr. Omar Hassan Karam

M.Sc.

Date: July 5 , 2003 AD
From: Information Systems Department,
Faculty of Computer and Information Sciences,
Ain Shams University
Subject: Computer Science and Information Systems
Title: Data Warehousing Views for Data Mining
Applications
Supervisors: Prof. Dr. Mohammed Ali El-Sharkawy
Dr. Omar Karam
Dr. Osman Ibrahim

B.Sc.

Date: 1998 AD
From: Computer Sciences Department,
Sadat Acadmy for Management Sciences
Subject of Study: Computer Science & Information Systems
Major Grade: Excellent with Honor Degree
Rank: 1st

Computer courses educated during pre-master.

<i>Subject:</i>	<i>Grade:</i>
Database Management Systems	Excellent
Software Engineering	Excellent
Data Mining Techniques.	Excellent
Decision Support Systems.	Excellent
Computer Architecture.	Excellent
Networks.	Very Good
Algorithms	Very Good
Artificial Intelligence.	Excellent
Management Information Systems	Excellent

Computer Skills

Database Programming

Oracle SQL-PL/SQL	Excellent
Oracle Developer	Excellent
Oracle Designer	Excellent

Microsoft SQLServer	Excellent
**Certified by Oracle Education master in Oracle DBA(oracle database administration)	
<i>Internet Programming</i>	
Java	Excellent
Oracle JDeveloper	Excellent
<i>Structure Programming</i>	
C , Pascal	Very good
<i>Object Oriented Programming</i>	
C++, Visual C++	Very good
<i>Other Tools and Packages</i>	
MS Office Xp	Excellent
Ms Front Page	Excellent

Fields of Interest

Database Management Systems
Data Warehousing
Data Mining
Software Engineering
Information Retrieval
Software Testing
Semantic Web

Teaching Experiences

<i>Undergraduate Courses</i>	<i>Year</i>
Introduction to Computer	1st year, first semester
Introduction to Information Systems	2nd year, first semester
Software Engineering	3rd year, first semester
Database Management Systems	3rd year, second semester
Distributed Database	4th year, first semester
System Analysis and Design	3rd year, second semester
Information Engineering	4th year, first semester
Data Mining	4th year, first semester
Advanced Software Engineering	4th year, first semester
Software Engineering Economics	4th year, first semester
Software Quality Assurance	4th year, second semester (In the British University in Egypt BUE)
Information Retrieval	4th year, second semester

Geographical Information Systems

4th year, second semester

Postgraduate Courses

Advanced Information Retrieval

Web Intelligence

Cloud Computing

Working Experiences

- 1- Technical Supervisor for the MIS and the Portal systems of Ain Shams University. (now)
- 2- Head of the Bioinformatics and Software Engineering Department (credit hours programs).(now)
- 3- Analysis for the management information system of the minister of water.
- 4- Analysis, design and implementation for the student affair system and the control system for the faculties of Ain Shams University.
- 5- Analysis, design and implementation for the system of the scientific committee.
- 6- Maintaining the systems of the avionic institute (payroll, inventory, ...etc) and developing the new requirements they needed.

Publications

O. H. Karam, M. A. El-Sharkawy, O. Ibrahim, R. Ismail. The Enhanced Greedy Interchange Algorithm for the Selection of Materialized Views Under Maintenance Cost Constraints in Data Warehouses. In the Proceedings of the 5th IEEE/ACM International Conference on Enterprise Information Systems (ICEIS), Angers, France, April 2003, pp. 279-284.

O. H. Karam, M. A. El-Sharkawy, O. Ibrahim, R. Ismail. Performance of the Greedy Interchange Algorithm for Data Warehouse Views Under Maintenance Cost Constraints. In the Proceedings of the 7th IEEE International Conference on Intelligent Engineering Systems (INES), Assiut, Egypt, March 2003, pp. .

O. H. Karam, M. A. El-Sharkawy, O. Ibrahim, R. Ismail. Enhancement of the Greedy Interchange Algorithm for the Selection of Views to Materialize in Data Warehouses. In the Proceedings of the International Conference on Intelligent Computing and Information Systems (ICICIS), Cairo, Egypt, June 2002, pp. 284-290.

R. Ismail, O. H. Karam, M. A. El-Sharkawy, M. S. Abdel-Wahab,. Views Maintenance in Distributed Data Warehouse Environments. In the Proceedings of the International Conference on Intelligent Computing and Information Systems (ICICIS), Cairo, Egypt, March 2009, pp. 284-290.

R. Ismail, O. H. Karam, M. A. El-Sharkawy, M. S. Abdel-Wahab. Streaming Real Time Data In Data Warehouses For Just-in-time Views Maintenance. In the Proceedings of the IADIS International Conference on Applied Computing , Rome, Italy, November 2009.

R. Ismail, O. H. Karam, M. A. El-Sharkawy, M. S. Abdel-Wahab,. An Adaptive Peer-to-peer Network For Distributed Data Warehouse Views. In the International Journal of Intelligent Computing and Information Sciences (IJICIS), Vol 8 No 9, June 2009

Ismail, R.M, Maintenance of materialized views over peer-to-peer data warehouse architecture, Proceedings of the international conference on Computer Engineering and Systems (ICCES), pp. 312 - 318, Cairo, Egypt (2011)

M. E. Megahed, Rasha M. Ismail, Nagwa L. Badr, Mohamed F. Tolba, An Enhanced Cloud-based View Materialization Approach for Peer-to-Peer Architecture, Proceedings of the First International Conference, AMLTA 2012, Cairo, Egypt, Volume 322, 2012, pp 401-412, December 8-10, 2012

Eman A. Maghawry, Rasha M. Ismail, Nagwa L. Badr, Mohamed F. Tolba, An Enhanced Cloud-based View Materialization Approach for Peer-to-Peer Architecture, Proceedings of the First International Conference, AMLTA 2012, Cairo, Egypt, Volume 322, 2012, pp 413-422, December 8-10, 2012

Wedad Hussein, Rasha M. Ismail, Tarek F. Gharib, Mostafa G. M. Mostafa, A Personalized Recommender System Based on a Hybrid Model, Journal of Universal Computer Science (JUCS), vol. 19, 2224-2240, no. 15 (2013)

Hussein, W., Ismail, R. M., Gharib, T. F. and Mostafa, M. G. M., A Personalized Recommender System Based on a Hybrid Model . In *Journal of Universal Computer Science*, 19(15), 2013, 2224-2240. (ISI IF=0.762)

Hussein, W., Gharib, T.F., Ismail, R.M., and Mostafa, M. G. M., An Efficient framework based on usage and semantic data for next page prediction, Accepted in *Intelligent Data Analysis Journal*, 2014 (ISI IF=0.472).

Hussein, W., Gharib, T.F., Ismail, R.M., and Mostafa, M. G. M., A Decision Fusion of User Page and Concept Matrices for Enhancing Next Page Prediction, In *Proceedings of the 9th Int. Conf. on Informatics and Systems (INFOS2014)*, Cairo 15-17 December, Egypt, 2014..

Hussein, W., Gharib, T.F., Ismail, R.M., and Mostafa, M. G. M., A User-Concept Matrix Clustering Algorithm for Efficient Next Page Prediction, In review process , *Journal of Web Engineering*, 2014 (ISI IF=0.26).

English Language Skills

Spoken	Excellent
Reading & Writing	Excellent.
TOFEL	560 Point.

References

- Prof. Dr. Mohamed Ali El-Sharkawy** Information Systems Dept., Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt.
E-mail : dr_sharkawy@yahoo.com
- Prof. Dr. Essam Khalifa** Dean of faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt.
E-mail: esskhalifa@hotmail.com
- Prof. Dr. Ahmed Mohamed Hamad,** Dean of the Computer and Information Sciences faculty, The British University in Egypt, El-Sherouk City, Egypt.
E-mail: ahmed.hamed@bue.edu.eg
- Dr. Omar Hassan Karam** Head of the Information System Department Faculty of Computer and Information Sciences, The British University in Egypt, El-Sherouk City, Egypt. E-mail: omar.karam@bue.edu.eg
- Prof. Dr. Abdel Badea M. Salem** Computer Science Dept., Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt.
E-mail: absalem@asunet.shams.eun.eg