

CURRICULUM VITAE

PERSONAL DATA:

Name: Magda Mohamed Abd El- Fattah Madbouly
Date of Birth: April 2, 1970
Nationality: Egyptian
Social Status: Married (+ two children)
Present Position: Associate Professor Institute of Graduate
Studies and Research, Department of Information technology
From 2011.



CONTACTS:

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SCIENTIFIC DEGREES:

Degrees Place Year

- B.Sc. (Accounting)
Faculty of Commerce, Alexandria University, 1991

- M.Sc. (Information Technology)
(Use of expert system to develop internal accounting control)
Institute of Graduate Studies and Research,
Alexandria University, Egypt 1996.

- Ph.D. (Information Technology)
(An expert system approach for investment in security market)
Institute of Graduate Studies and Research,
Alexandria University, Egypt 2011.

ACADEMIC POSITION (Alexandria UNIVERSITY)

-Assistant Lecture, Institute of Graduate Studies and Research,
Department of Information technology
From 2004 to 2011.

-Associate Professor Institute of Graduate Studies and Research,
Department of Information technology
From 2011 till now.

TEACHING EXPERIENCE:

Undergraduate teaching, 1999- 2004:

Dept. of computer science, Faculty of computer and information, Mansoura University, Egypt.

Postgraduate teaching, 2004 till now:

- Preliminary year for Ph.D. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2011-2012.
- Preliminary year for M.Sc. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2011-2012.
- Preliminary year for Diploma Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2011-2012.
- Preliminary year for Ph.D. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2012-2013.
- Preliminary year for M.Sc. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2012-2013.
- Preliminary year for Ph.D. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2013-2014.
- Preliminary year for M.Sc. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2013-2014.
- Preliminary year for Ph.D. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2014-2015.

- Preliminary year for M.Sc. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2014-2015.
- Preliminary year for Ph.D. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2015-2016.
- Preliminary year for M.Sc. Degree Department of Information technology, Institute of Graduate Studies and Research, Alexandria University 2015-2016.

Part-time teaching:

- Preliminary year for M.Sc. Degree Department of MIS, Faculty of commerce, Alexandria University 2012-2013.
- Second year for undergraduate students, Faculty of commerce, Alexandria University 2014-2015.
- Third year for undergraduate students, MIS Department, Faculty of commerce, Alexandria University 2015-2016.

TEACHING COURSES:

- Topics in Management Information Systems (Under graduate)
- Introduction to Information Systems and Technologies (Under graduate)
- Decision support (Under graduate)
- Knowledge Base Systems (M.Sc.)
- Smart Decision support systems. (M.Sc.)
- Data Mining and data warehouse. (M.Sc.)
- Distributed systems. (Phd)
- Special topics. (Phd)
- Computer vision. (Phd)
- Database Mining. (Phd)

PUBLICATIONS:

THESIS

1. Off-line Arabic Signature Verification Model Using Fuzzy Multi-Set Features
2. A Database Sanitizing Algorithm for Privacy Preserving Multi-Level Association Rule Mining
3. Ant Colony Optimization for ATM Cash Demand Forecasting.

4. A Fuzzy Recommender System for E-purchasing
5. Database Knowledge Discovery Based on Temporal Association Rules Mining
6. A Modified Framework for Real-Time Hand Gesture Recognition Based on Higher Order Fuzzy Logic
7. Adaptable mobile user interface for securing e-learning environment
8. Creating a model for cloud banking services
9. Using Cloud Computing services to reduce power consumption in smart devices.
10. Enhancing database architectures using HYRISE
11. Predicting Stock Market Trends for Japanese Candlestick using Cloud Model.
12. Automated recognition method for Egyptian banknotes counterfeit1.
13. A new system for XML documents compression using fuzzy logic.
14. Applying fuzzy logic to improve searching in data warehouse.
15. Develop an algorithm for extracting sentiments for twitter based on fuzzy sets.
16. Energy aware software
17. Intelligent Web Pages Classification using Rule-Based System.
18. Search Engine Optimization using Data Mining.
19. Web Pages Classification using PCA and CPBF with Neural Networks.

PUBLISHED PAPERS:

- 1- Saad M. Darwish, Magda M. Madbouly, and Mohamed A. El-Hakeem, "A Database Sanitizing Algorithm for Hiding Sensitive Multi-Level Association Rule Mining", *International Journal of Computer and Communication Engineering (IJCCE)*, Vol. 3, No. 4, pp. 285-293, July 2014.
- 2- Ahmed H. Najim, Shawkat K. Guirguis, Magda M. Madbouly, "Cloud Computing and Offloading Framework for enhancing Android Smart Device Battery Life", *Transactions on Networks and Communications*, volume 2. Issue3, June 2014.
- 3- Aryan Abdullwahab Qader, Shawkat K. Guirguis, and Magda M. Madbouly, "Creating a Model for Cloud Banking Services DSS", *Scholarly Research Journal for Interdisciplinary Studies SRITS*, vol. 2 no. 12, 2013
- 4- Saad M. Darwish, Magda M. Madbouly, and Eman Abd-El Reheem "Contribution to Collaborative Filtering Based on Soft Computing to Enhance Recommender System for e-Commerce", *International Journal*

- of e-Education, e-Business, e-Management, and e-Learning, vol.4 no. 4,2013.
- 5- Mohanad A. Saleh, Shawkat K. Guirguis, and Magda M. Madbouly “Adaptable Mobile User Interface for Securing e-Learning Environment”, Transaction on Networks and Communications, vol. 24,2013.
 - 6- Saad M. Darwish, Magda M.Madbouly, and Sondos M.Elsalhy “New Algorithm for Semantic XML Compression Using Multilevel Fuzzy Clustering Algorithm”, International Journal of Web Science and Engineering, vol. 2 no.1, 2014
 - 7- Ahmed A. Almiafrj, Shawkat K. Gurguis and Magda M. Madbouly “Applying Fuzzy cluster index to improve searching in data warehouse Transactins on Networks and Communications, vol. 3 no. 2 ,2014.
 - 8- Khattab O. Khorsheed , Magda M. Madbouly and Shawkat K. Guirguis”Search engine optimization using data mining approach”, International Journal of Computer Engineering and Approach, vol. 9 no. 6,2014.
 - 9- Ansam A. Abdulhussein , Magda M. Madbouly, Shawkat K. Guirguis, and Laith F.F “Enhancing Neural Network Learning To Classify Web Page”, International Journal of Engineering and Science Research (IJESR), vol. 5 no. 4, 2014.
 - 10- Areej A. Al-Sammarraee, Magda M. Madbouly and Shawkat K.Guirguis “Energy evolution model for AES and RAS Algorithms” , International Journal of Engineering and Science Research (IJESR), vol. 5 no. 4,2014.
 - 11- Saad M. Darwish, Magda M. Madbouly and Mohamed A.Hassan “From Public Polls to Tweets: Developing an Algorithm for Classifying Sentiment from Twitter Based on Computing with Words” 2nd international Conference on Computer Engineering (ICOCE 2015), October 17-18, 2015, Dubai (UAE).