

CURRICULUM VITAE/ RESUME

PERSONAL INFORMATION:

Name: Rasha Mahmoud Abd El-Aziz

Nationality: Egyptian

Date of Birth: August, 7, 1982

Marital Status: Married, Two Children.

Postal Address: Mathematics Department, Faculty of Science,
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PROFESSIONAL QUALIFICATIONS:

(1999-2003) Bachelor Degree of Science in Computer Science, Faculty of Science,
Assiut University, Assiut, Egypt.

(2004-2005) Pre-Master Course in Computer Science, Mathematics Department,
Faculty of Science, Assiut University, Assiut, Egypt.

(2005-2008) Master Degree in Computer Science, Faculty of Science,
Assiut University, Assiut, Egypt.

WORK EXPERIENCE

(2004-2008) Demonstrator at Faculty of Science, Assiut University.

(2008-Present) Assistant Lecturer at Faculty of Science, Assiut University.

LANGUAGES:

- **ARABIC:** Mother Language
- **ENGLISH:** Excellent
- **GERMAN:** Good

COMPUTER SKILLS:

- C, C++, C#, Visual Basic, Pascal, Fortrant.
- MATLAB.
- HTML.
- MS Office (Access, Excel, Power Point, Word).
- Photoshop.

OTHER RELEVANT COURSES:

- Mathematics.
- Statistics

Teaching Experience

- Introduction to computers and DOS.
- Introduction to Advanced Access.
- Introduction to Advanced Excel.
- Visual BASIC.
- PASCAL Language.

- C-Language C++.
- Data structure.
- Data Mining.
- Introduction to Database.

PUBLICATIONS

1. M. H. Marghny, Rasha M. Abd El-Aziz, Multiclass Multisurface Proximal Support Vector Machines with Mixed Kernel, First Annual Conference for young Scientists Basic Science and Technology, Faculty of Science, Assiut University, 2007.
2. Marghny, M. H., Rasha M. Abd El-Aziz, and Ahmed Ibrahim Taloba. "An effective evolutionary clustering algorithm: Hepatitis C case study." International Journal of Computer Applications (0975–8887) Volume (2011).
3. Sewisy, Adel A., et al. "Fast Efficient Clustering Algorithm for Balanced Data." International Journal of Advanced Computer Science and Applications 5.6 (2014): 123-129.
4. Marghny, M. H., Rasha M. Abd El-Aziz, and Ahmed I. Taloba. "Differential Search Algorithm-based Parametric Optimization of Fuzzy Generalized Eigenvalue Proximal Support Vector Machine." International Journal of Computer Applications (0975–8887) Volume (2014).
5. Marghny, M. H., Rasha M. Abd El-Aziz and Ahmed I. Taloba. "Speedy Algorithm for Clustering Imbalanced Data." Data Mining and Knowledge Engineering 7.2 (2015): 82-88.
6. Marghny, M. H., and Rasha M. Abd El-Aziz. "Data Classification Based on GEPSVM using Backtracking Search Algorithm." Data Mining and Knowledge Engineering 7.2 (2015): 89-94.
7. Marghny, M. H., Rasha M. Abd El-Aziz and Ahmed I. Taloba. "Parameters Optimization of SVM using Backtracking Search Algorithm." 4th international conference on mathematics and information science ICMIS ,2015