

Saida Abo el ELa

Date of birth: June, 29, 1986

Nationality: Egyptian

Gender: Female

- **Objective**

The ultimate goal is to learn more about computer science and the techniques used in the study and deeper understanding of many problems that can solve by artificial intelligent or fields related to it. I'm looking forward to publish studying of artificial intelligent among the students, since many young people are not aware the importance of that science.

- **Education**

2003-2007	Department of Mathematics, Computer Science Division.	Cairo University, Giza, Egypt.
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- B.Sc. in Mathematics and Computer Science (Double Major) Very Good with Honor

2008-2009	Department of Mathematics, Computer Science Division.	Department of Mathematics, Computer Science Division.
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- Pre-Master Study in Computer Science Good

2010-2013	Department of Mathematics, Computer Science Division.	Department of Mathematics, Computer Science Division.
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- Master of Science degree in computer science

Thesis : "Applications of similarity measures in type-2 fuzzy sets"

- **Employment**

Employer	Teaching assistant at computer science Department-Faculty of science-Cairo university
Duration	From 2 Feb -2008 till now
Title	Teaching lecturer
Type of work	Full time
Course Description	I teach undergraduate labs and problem sessions in the department of Mathematics and Computer Science. I prepare sometimes quizzes and do exam supervisions as well.

- **Course Work**

- Numerical analysis.
- Semantics of programming languages with ML.
- Functional programming.
- Probability Theory and Statistics.
- C++ Basics.
- Object-Oriented Programming in C++.
- File Structures in C++.
- File Structures in Java.
- Java Basics.
- Object-Oriented Programming in Java.
- Artificial intelligent.
- Compilers.
- Data Structures in Java.
- Cryptography in Java.
- Operating system.
- Computer Graphics with Java.

- **Training**

2006	Matlab training	National institution for Research of astronomical and geophysical (Helwan observatory)
2009	<ul style="list-style-type: none">• Introduction to Linux.• Linux administration.	Faculty of Engineering – Cairo University
2010	<ul style="list-style-type: none">• Introduction to matlab.• Matlab packages.	Faculty of Engineering – Cairo University

- **Computer Skills**

- Operating Systems**

- DOS.
- MS Windows (9x, 2000, XP) .
- Linux .

- Programming Languages**

- C/C++ [Senior Developer].
- Java [Senior Developer].
- Prolog, Lisp.
- Antelr, ML.
- Typesetting Languages (LateX/TeX) [Very Good].

- Applications**

- MS Office (XP, 2007, 2010).
- Mathematics Software and Computer Algebra Systems (Maple, Matlab, Mathematica).

- **Teaching Qualifications.**

2014	FLDC -Faculty and leadership Development Center –Cairo University	The research team management
2013	FLDC	University Code of Ethics
2013	FLDC	Competing for Research Funds
2012	FLDC	Effective Presentation Skills
2010	FLDC	Communications Skills
2009	FLDC	Quality standards in teaching
2009	FLDC	Time management and meetings

- **Conferences & Workshops.**

November, 2011	12th IEEE International Symposium on Computational Intelligence and Informatics	Budapest, Hungary
December, 2013	3rd International Conference on Mathematics & Information Science	Luxor, Egypt
October, 2014	PARALLEL PROGRAMMING WORKSHOP: DISTRIBUTED AND SHARED MEMORY PARALLELIZATION WITH MPI AND OPENMP, HLRS (Hochleistungsrechenzentrum Stuttgart)	Universität Stuttgart, Stuttgart, Germany

- **Awards**

- Certification in recognition for outstanding achievement in the Academic year 2006/2007 from Schlumberger.

- **Interests**

- Reading as general.
- Watching cartoon movies.
- Painting and photographing.
- Charity work (member in El kher kter organization (non profit organization))
- Crochet.
- Cooking.
- Riding Bicycles.
- Discover and visit new and historical places.

- **Selected publications.**

- Saida .S Mohamed, "Applying anew similarity Measure between general type-2 fuzzy sets to clustering", [12th IEEE International Symposium on Computational Intelligence and Informatics](#), 2011,283-286.
- Saida. S Mohamed " Applications of similarity measures in type-2 fuzzy sets "; M.Sc. Thesis; Department of Mathematics, Faculty of Science, Cairo University; 2013. ([Master Thesis](#)).

- **References.**

- Prof. Nasser Hassan Sweilam, Chairman of Mathematics Department, Faculty of Science, Cairo University, Giza, Egypt.
- Prof. Iaila Fahmy, Department of Mathematics, Faculty of Science, Cairo University, Giza, Egypt.
- Prof. Mohamed A. Amer, Department of Mathematics, Faculty of Science, Cairo University, Giza, Egypt.
- Dr. Areeg S. AbdAla, Department of Mathematics, Faculty of Science, Cairo University, Giza, Egypt.