C.V.

Mohamed Abdel Fattah Ashabrawy Moustafa

Name: Mohamed Abdel Fattah Ashabrawy Moustafa

Job:

* Assistant Professor Computer Science in Reactors Department, Nuclear Research Center , Atomic Energy Authority Egypt.

* Assistant Professor Computer Science in Reactors Department, Community College, Salman bin Abdulaziz University, KSA, from 2011 to now

Career:

* Assistant Professor of Computer Science in Reactors Department, Nuclear Research Center , Atomic Energy Authority Egypt from 2010 to now.

*Assistant Lecturer of Computer Science in Reactors Department, Nuclear Research Center , Atomic Energy Authority Egypt 2002 to 2010.

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* Instructor of Computer Science in Reactors Department, Nuclear Research Center , Atomic Energy Authority Egypt from 1997 to 2002.

Date of Birth: 20 / 2 / 1974

Nationality: Egyptian

Sex: Male

Marital: Married

Address: * Atomic Energy Authority, Nuclear Research Center, Reactors Department, Computer Group, Abu Zaabel, P.O Box 13759, Egypt.

Military Service: Completed

Telephone: * In Egypt :   Mobile: 0020165483700

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* In Kingdom of Saudi Arabia:
   Mobile: 00966502308713

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ashabrawy@hotmail.com

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Education

Degree: * PhD. In   Computer Science

University , Faculty: * Suez Canal University – Faculty of Science

[Crack detection using image processing]

* M. Sc. in Statistical and Computer Science

[Using Fuzzy Logic in image processing]

* Medical image processing

* Fingerprints

* Archiving maps

University , Faculty: * Mansoura University – Faculty of Science

* B. Sc. In Computer Science, Operation
Research and Statistical

University , Faculty: * Zagazig University, Faculty of Science

Projects: 1- Reserved Tour (Cockpit Simulation).

2- Fixed the internet in the Atomic Energy
Authority in Egypt

3- Database for Atomic Energy Authority in Egypt

4- Maintenance Laboratory.

Project Grade: * Excellent

Language: * very Good

Skills

Hardware: * Hardware Computer Maintenance

Software: **1- Operating Systems:**

- Dos
- Windows (3.11, 95, ME, XP, 2000 server , NT,…)

2- Auxiliary Programs:

- Ms Office (Word, Excel, PowerPoint, Access to 2007)
- Matlab
- Others

3- Graphics:

- **Adobe PhotoShop**
- **Corel Draw**
- **Animator**
- **Others**

4- Language Programming:

- **Programming using JAVA Language**
- **Programming using Visual C++ Language**
- **Programming using C++ Language**
- **Programming using C Language**
- **Programming using Delphi Language**
- **Programming using Pascal Language**
- **Programming using Fortran Language**
- **Programming using ADA Language**
- **Programming using C# Language**
- **Programming using Prolog Language**
- **Programming using BASIC Language**
- **Programming using COBLE Language**
- **Programming using LOGO Language**
- **Programming using Python Language**
- **Programming using Prolog Language**
- **Programming using Visual Basic Language.**

5- Statistical Software's:

- **Programming using SAS.**
- **SPSS Programs**
- **Minitab programs**
- **SAT Programs**

6- Science Software:

- **Programming using Matlab Software for image processing**
- **Medical image processing**

7- Database:

- **Database Design**
- **Database using Access**

Work Experience:

- **Work for 3 months in Delta for Computer Software.**
- * **Work on time as Assistant Lecturer in the Reactors Department, Nuclear Research Center , Atomic Energy Authority m Egypt**
- * **Five years as from 2003- 2008 Assistant Lecturer in the Faculty of Education of Girls in Al Qweaya , Riyadh , Kingdom of Saudi Arabia.**
- **Design programs for Faculty of Education of Girls degrees**
- **Hardware Computer Maintenance for Laboratory for student and staff of the Faulty**

- **Teach in:**

a- Zagazig University:

- **Faculty of Science, from 1996 To 2001**
- **Faculty of Computer and informatics, From 1997 To 2002**
- **Faculty of Education Department of Computer Science, From 1996 To 2002**
- **Faculty of Engineering Department of Communication, From 2000 To 2002**

b- 6 October University

Faculty of Computer Science, From 200o To 2001

Faculty of Optics (Sheraton), From 200o To 2001

COURSES TAUGHT AT UNIVERSITY LEVEL:

A- Computer Courses:

- Data Structures by C
- Data Structures by C++
- Data Structures by Java
- Object Oriented Programming.
- Computer Graphics.
- Systems Programming.
- Operating Systems.
- System Analysis and Design.
- Special Course with Maple.
- Advanced Special Course with Maple.
- Advanced Special Course with Matlab Image Processing.
- Programming using Visual Basic Language.
- Database.
- Computer Networks
- Principles of Computers and Information Technology.
- Principles of Computer and Networks.
- Numerical Analysis.
- Programming using JAVA.
- Programming using C
- Programming using C ++
- Programming using Delphi.
- Programming using C #
- Programming using Qt/ C ++
- Programming using Python
- Programming using Pascal
-Hardware Maintenances.
- Introduction to Programming.
- Image   processing.

- Digital image processing.

- Signal image processing.

- Software Development.

- Theory of Computation.

- Operating Systems.

- Programming using Prolog.

- Neural networks (AI).

- Introduction to Networks and Design.

- Networks Security.

B- Statistical and Mathematical Courses:

- Calculation Variation (calculation of Covariance)

- Introduction to Probability Theory.

-Probability Theory

- Statistical Methods

- Theory of Statistics.

- Multivariate and Queuing theory.

- Theory of numbers.

- Test Hypothesis and Estimations.

- Introduction to Statistical.

- Operations Research

- Course in statistics by using statistical the

packages(MINITAB & SPSS)

Research's:

1- I. A. Ismail, El-Sayed M. El-Horbaty, **M. A. Ashabrawy,**
 " Autoregressive Filter Algorithm, sifting digital images", I. J. Comput
   Appt 9 (4)., 2002, USA.

2- I. A. Ismail, I. M. .El-Henawy, **M. A. Ashabrawy,** "Fingerprints
 detections and identifications and restoring reactors mapsusing wiener
  filter", I. J. Comput Appt 9 (4)., 2003, Germany.

3- I. A.Ismail, E. A. Rakh, N. A. Ayad, **M. A. Ashabrawy**, " Finding the
 Depth from One View Image ", Organization of Egypt for nuclear
 Science, 2009, Egypt.

4- I. A.Ismail, E. A. Rakh, S. I. Zaki, **M. A. Ashabrawy**, " Using image's
 processing methods in Nano measurements ", King Abdullah Institute for
 Nano Technology, ICNI 2009, http://nano.ksu.edu.sa, Riyadh, 2009.

5- I. A.Ismail, E. A. Rakh, S. I. Zaki, **M. A. Ashabrawy**, " Using image's
 processing methods in Bio-Technology", International Journal of Open
 Problems in Computer Science and Mathematics (IJOPCM),
 http://www.ijopcm.org/sub1.html, 2009.

6- I. A.Ismail, E. A. Rakh, S. I. Zaki, **M. A. Ashabrawy**, " Algorithms method for image processing ", International Journal of Open Problems in Computer Science and Mathematics (IJOPCM), http://www.ijopcm.org/sub1.html, 2009.

7- I. A.Ismail, E. A. Rakh, S. I. Zaki, **M. A. Ashabrawy**, M. K. Shaat, " Crack detection and filling, using steepest descent method ", International journal of computer and electrical engineering (IJCEE), http://www.iacsit.org./IJCEE.htm, 2009.

8- I. A.Ismail, E. A. Rakh, S. I. Zaki, **M. A. Ashabrawy**, M. K. Shaat, " Perceptible Grouping of Cracks in nuclear piping using wavelet transformation " , International journal of computer and electrical engineering (IJCEE), http://www.iacsit.org./IJCEE.htm, 2009.

9- E. A. Rakha, A. A. AL-Alwan, M**. A. Ashabrawy**, " Using Different Techniques of Image Processing and Image Filtering for Determining the Mathematical Modeling of a Concentration of a Chemical" , The 25th Meeting of the Saudi Biological Society (Nanotechnology in life Sciences), 2010.

10- E.A.Rakha, A. Aljaafari, R.O.Ramadan, **M. A. Ashabrawy**, " Using different techniques for image processing, and nanotechnology in medical treatments ", The 25th Meeting of the Saudi Biological Society (Nanotechnology in life Sciences), 2010.

11- **M. A. Ashabrawy**, Using image processing methods in the comparison between the treatment of bacterial samples and non-treatment, Twenty-eighth meeting of the Saudi Society for Life Sciences under the title "Ecotourism and Sustainable Development, 2013.