

G. V.



Personal Information

Name : Mohammed Amoon Ahmed Sharaby.

Place of birth : Menouf-Menoufia, Egypt.

Date of birth : 9 / 2 / 1974.

Specialist : Computer Science & Engineering

Current job : Assistant Prof. at the Computer Science Department / King Saud University /KSA.

Affiliation : King Saud University, Riyadh 11437, 28095, Saudi Arabia.

Gender : Male.

Nationality : Egyptian.

Marital status : Married and has 2 sons.

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Certifications

Certificate	Institution	Location	Data
B.Sc in Computer Science and Engineering	Faculty of Electronic Engineering	Egypt	1996
M.Sc degree in Computer Science and Engineering	Faculty of Electronic Engineering	Egypt	2001
Ph.D degree in Computer Science and Engineering	Faculty of Electronic Engineering	Egypt	2006

Job Experience

1. **Assistant professor** at the Department of Computer Science / College of Community / King Saud University from 2007 till now.
2. **Lecturer** at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Menoufia University / Egypt from 2006 to 2007.
3. **Delegated lecturer** at Computer Science & Information technology departments in the faculty of information and computers / Menoufia university and I taught logic design(I & II) and Computer languages(Java I and Java II) courses.
4. **Delegated lecturer** at the faculty of engineering in Tanta university and I taught the digital systems course.
5. **Delegated lecturer** at the Maadi Modern Academy and I am teaching operating systems and Internet & Multimedia courses.
6. **Delegated lecturer** for Java I, Java II, VB, and ICDL courses at the Computer training center of the faculty of engineering / Menoufia university / Egypt.
7. I was a member of the university computer training committee of Menoufia university / Egypt.
8. **Delegated instructor** for SI(IBM Authorized center) for teaching courses of the mission of the Egyptian Communication Ministry for alumnus from 2000 to 2002.
9. **Assistant lecturer** at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Menoufia University /Egypt from 2001 to 2006.
10. **Demonstrator** at the Department of Computer Science and Engineering / Faculty of Electronic Engineering / Menoufia University / Egypt from 1996 to 2001.
11. **Instructor** for courses of the mission of the Egyptian Communication Ministry for alumnus from 1999 to 2004 at menoufia university.

Research Interests

- Artificial Intelligence, Multiagent Systems, Mobile Agent Systems, agent communication languages and protocols.
- Web services, semantic and transactional aspects of information management in open environment systems, and service science management and engineering.
- Distributed and multiprocessor computing systems, Grid Computing Systems, Cloud Computing Systems, Resource scheduling techniques for parallel and distributed systems, and High Performance Computers.

Publications

- 1) F. A. Torkey, M. A. El Rabeey, and M. A. Amoon, "*The Effect of Static Number of Successors on Optimal Task Scheduling Algorithm for Distributed Memory Machines*," Proc. of IEEE E/IT conf., USA, Jan. 2000.
- 2) M. Amoon, "*Parallel task scheduling for distributed memory machines*," MS.c thesis, 2001.
- 3) F. A. Torkey, M. A. El Rabeey, and M. A. Amoon, "*A Parallel Task Scheduling Algorithm for Distributed-Memory Machines with Bounded Number of Processors*," in the proc. of electronic engineering journal, Vol. 5, 2003.
- 4) H. M. Kelash, H. M. Faheem, M. Amoon, and G. M. Ali, "*A Social Agent Interface for Resource Management in Distributed Systems*," in proc. of Int. conf. on Computational Intelligence for Modelling, Control, and Automation, Vienna-Austria, November 2005.
- 5) H. M. Kelash, H. M. Faheem, and M. Amoon, "*A Multiagent System for Distributed Systems Management*," in the proc. of world academy journal of science, engineering and technology, vol. 11, February 2006.
- 6) H. M. Kelash, H. M. Faheem, and M. Amoon, "*Efficient Use of Mobile Agents in the Management of Distributed Systems*," accepted to be published in the IEEE SNPD conf., Las-Vegas, USA, June 2006.
- 7) M. Amoon, "*Development of a social interface to intelligent agents directed to control interactions in distributed systems*," Ph.D thesis, 2006.
- 8) H. M. Kelash, H. M. Faheem, and M. Amoon, "*It takes a Multiagent System to manage Distributed Systems*," in the proc. of IEEE potentials journal, April 2007.

- 9) M. Amoon, M. Mowafey, and T. Altameem, “*A Multiagent-Based System for Scheduling Jobs in Computational Grids*,” Accepted to be published in the AIML International Journal.

Participations in technical and professional committees

Committee	Date	Activity	Contribution
Computer Science and Information Systems (ComSIS) Journal.	since 2009	Member of the Technical Committee to review research	Reviewing scientific papers
World academy of science, engineering and technology.	since 2006	Member of the Technical and Research Committee and the Editorial Board	Reviewing and submitting scientific papers
International Conference on Computational Intelligence for Modelling, Control and Automation(CIMCA 2008)	2008	Member of the Technical Committee to review research	Reviewing scientific papers
International Journal of Cognitive Informatics and Natural Intelligence (IJCINI).	since 2008	Member of the Technical Committee to review research	Reviewing scientific papers
The 17th IFAC World Congress Conference (IFAC WC).	2008	Member of the Technical Committee to review research	Reviewing scientific papers
The journal of IEEE Potentials.	since 2006	Member of the Technical Committee to review research	Reviewing scientific papers
The 5th IEEE International Conference on Cognitive Informatics ICCI.	2006	Member of the Technical Committee to review research	Reviewing scientific papers
International Conference on Computational Intelligence for Modelling, Control and Automation-CIMCA06 Jointly with International conference on Intelligent Agents, Web Technologies and Internet Commerce IAWTIC06	2007	Member of the Technical Committee to review research	Reviewing scientific papers
Riyadh Community College web site	2007	Member of the web site technical committee	Supervision
Egyptian Engineers Syndicate	since 1996	member	Engineering committee

Administrative committees

- 1) Chairman of the Scientific Research Committee, Department of Computer Science, Community College in Riyadh, 2009.
- 2) Member of the standard administrative structure Committee, Community College in Riyadh, 2009.
- 3) Member of the Award for Excellence in Teaching Committee, Community College in Riyadh, 2009.
- 4) Coordinator for the principles of computer and Information Technology course, Department of Computer Science, Community College in Riyadh, 2009.
- 5) Member of the Academic Advising Committee, Department of Computer Science, Community College in Riyadh, 2009.
- 6) Member of the quality and academic accreditation Committee, Department of Computer Science, Community College in Riyadh, 2009.
- 7) Member of the Committee to evaluate Projects of graduated students, Department of Computer Science, Community College in Riyadh, 2009.
- 8) Member of the Computer Science Department council, Community College in Riyadh since 2007 until now.
- 9) Member of the committee for preparing the time tables, Community College in Riyadh, 2007-2008.
- 10) Member of the Supervisory Committee on the website of the Department of Computer Science since 2007 until now.
- 11) Member of the Supervisory Committee on the College web site in 2007-2008.
- 12) Committee member responsible for the creation and revision of Back links to the web site of the Community College in Riyadh, 2009.
- 13) Member of the Computer training committee, the University of Menoufiya in 2006-2007.
- 14) Member of the Supervisory Committee to establish the ICDL Lab, Faculty of Electronic Engineering, University of Menoufiya in 2006-2007.

15) Secretary-general of the Sports committee of the students Federation, Faculty of Electronic Engineering, University of Menoufiya in 2006-2007.

16) Board Member of the Information Technology club, Faculty of Electronic Engineering, University of Menoufiya from 2001 to 2004.

Participations in Journals and Conferences

- [1] IEEE Electro/Information Technology conference, USA, Jan. 2000 as an author.
- [2] The third Annual Conference INFOS2005, Faculty of Computers and Information, Cairo University, 19-22 March 2005 as a listener.
- [3] IEEE International conference on Computational Intelligence for Modelling, Control, and Automation, Vienna-Austria, November 2005 as an author.
- [4] IEEE SNPD conference, Las-Vegas, USA, June 2006 as an author.
- [5] The 5th IEEE International Conference on Cognitive Informatics ICCI 2006, July 17-19, 2006, Beijing as a reviewer.
- [6] International Conference on Computational Intelligence for Modelling, Control and Automation-CIMCA06 Jointly with International conference on Intelligent Agents, Web Technologies and Internet Commerce IAWTIC06, 29 November to 1 December 2006 Sydney, Australia as a reviewer.
- [7] Microsoft ME Developers' Conference, Cairo, February 2007 as a listener.
- [8] The 17th IFAC World Congress Conference (IFAC WC 2008) to be held in Seoul, Korea during July 6-11, 2008 as a reviewer.
- [9] Reviewer for the journal of IEEE Potentials.
- [10] Delegated reviewer for the international journal of Cognitive Informatics and Natural Intelligence (IJCINI).
- [11] Reviewer for the Computer Science and Information Systems (COM SIS) journal.

Participations in Workshops

- [1] *Microsoft Operating Systems advances workshop* held at the Smart village, Cairo 2006 (One day).
- [2] *Microsoft Software Developers workshop* held at the International Conferences Center, Cairo 2006 (Three days).
- [3] *Oracle Structured Query Language (SQL) Workshop* held at ORASCOM Egypt during March 2007 (Five days).
- [4] *Oracle Procedural Language/Structured Query Language (PL/SQL) Workshop* held at ORASCOM Egypt during April 2007 (Five days).
- [5] *Oracle Forms Developer Workshop* held at ORASCOM Egypt during April 2007 (Five days).
- [6] *Oracle Reports Developer Workshop* held at ORASCOM Egypt during June 2007 (Five days).
- [7] *Design e-learning software Workshop* held at King Saud university during January 2009(Two days).
- [8] *Advanced Technologies Forum 2009* organized by KACST 26-28 April 2009 in Riyadh.
- [9] *Quality and its applications in high education workshop* at king Saud university during 26-27 May 2009.

Teaching Experiences

Thirteen years in academic teaching. Through these years, I thought the following courses:

No.	Course	Level	Department	College
1	Introduction to Computers and Information Technology	1	Computer Science	Riyadh Community College-KSU
2	Principles of Computers	1	Computer Science	Riyadh Community College-KSU
3	Introduction to Technology	1	Computer Science	Riyadh Community College-KSU
4	Data Structures	4	Computer Science	Riyadh Community College-KSU
5	Artificial Intelligence	8	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt
6	Software Engineering	9	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt
7	Advanced Databases	9	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt

8	Logic Design I	1	Computer Science	Faculty of Computers and Information-Egypt
9	Logic Design II	2	Computer Science	Faculty of Computers and Information-Egypt
10	Computer Languages I(Java)	5	Computer Science	Faculty of Computers and Information-Egypt
11	Computer Languages II(Java)	6	Computer Science	Faculty of Computers and Information-Egypt
12	Digital Electronics	7	Computer Engineering	Faculty of Engineering-Tanta-Egypt
13	Advanced Operating Systems	10	Computer Science	Modern Academy-Egypt
14	Internet Applications	8	Computer Science	Modern Academy-Egypt
15	Microprocessor Lab	7	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt
16	Image processing	10	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt
17	Computer organization	5	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt
18	Microelectronics Technology	5	Computer Science and Engineering	Faculty of Electronic Engineering-Egypt

Languages

Arabic is the mother tong. **English** reading and speaking good.

Computer Skills

Software/Programs	Level
Object oriented programming	Excellent
Java programming language	Excellent
C++ programming language	Excellent
Visual Basic programming language	Excellent
Web and internet applications	Excellent
Data Base programming using oracle and access	Excellent
Mobile agent applications(IBM Aglets)	Excellent
Network design, implementation, and maintenance	Excellent
VHDL	Excellent
MS Windows(Xp, vista)	Excellent
MS Word	Excellent
MS Excel	Excellent
MS Power Point	Excellent
MS Access	Excellent
Electronic workbench	Excellent

Orcad and spice simulator	Excellent
ICDL courses	Excellent

Computer Certifications

1. MCSA Courses.
2. MCSE Courses.
3. ORACLE Developer **OCP** courses.
4. ICDL.

Skills Development Courses

I attended many courses in the field of faculty development skills. These courses are:

Course Title	Duration	Venue
University teacher preparation	21 Days	Menofia University-Egypt
Effective Teaching Skills.	6 Days	Menofia University-Egypt
Effective Communication Skills.	4 Days	Menofia University-Egypt
Effective Presentation Skills.	4 Days	Menofia University-Egypt
Scientific Research Skills.	3 Days	Menofia University-Egypt
Profession Ethics and arts.	3 Days	Menofia University-Egypt
Thinking Skills.	3 Days	Menofia University-Egypt
Credited Hours.	3 Days	Menofia University-Egypt
The Orientation program.	3 Days	King Saud University-Saudi Arabia
Motivating Students to learn.	2 Days	King Saud University-Saudi Arabia
E-Learning Design and Programming(Theory and practice)	3 Days	King Saud University-Saudi Arabia