




Dr.: Kamal Hefny Hashem Kassem

The Higher Institute of Computer Science and Information Systems (Fifth Settlement)

Computer Science Department

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Qualifications

<i>Degree</i>	<i>Discipline</i>	<i>Institution</i>	<i>Year</i>
<i>B.Sc.</i>	<i>Faculty of Engineering</i>	<i>Al-Azhar University (Egypt)</i>	<i>1982</i>
<i>M.Sc.</i>	<i>Faculty of Engineering</i>	<i>Al-Azhar University (Egypt)</i>	<i>1989</i>
<i>Ph.D.</i>	<i>Faculty of Engineering</i>	<i>Al-Azhar University (Egypt)</i>	<i>2001</i>
<i>General Diploma in Education "Computer".</i>	<i>Faculty of Education</i>	<i>Qatar University</i>	<i>1994</i>

Fields of Interest:

<input checked="" type="checkbox"/> <i>Software Engineering</i>	<input checked="" type="checkbox"/> <i>Information System</i>
<input checked="" type="checkbox"/> <i>Artificial Intelligence</i>	<input checked="" type="checkbox"/> <i>Data ware House & Data Mining</i>
<input checked="" type="checkbox"/> <i>Database System</i>	<input checked="" type="checkbox"/> <i>Internet Technology</i>
<input checked="" type="checkbox"/> <i>Effective e-Learning</i>	<input checked="" type="checkbox"/> <i>Data Structure Using C++</i>

Selected Publications:

- *Ahmed Helmy Aboelmagd, Eman Salah Eden Saleh and Kamal H. Hashem, " - The Effect of Interaction Between Cloud Computing Environment and Massive Open Online Courses (MOOCs) on Developing the Computer Network skills" -Journal of the Faculty of Specific Education, Ain Shams University, January 2017*
- *Kamal H. Hashem, Hany M. Harb (2005). N-Tier Distributed Computing System Design. Faculty of Engineering, Journal Cairo University. #1 Folder 52 Feb. 2005.*
- *Kamal H. Hashem, Hany M. Harb, "Knowledgeable Information systems (Neural based MBR data mining technique) ", AEC 2000, AL- Azhar Engineering Sixth International Conference, Egypt, September 4-8, 2000.*



- *Kamal H. Hashem, Mohamed Zaki, "Design of Distributed Knowledgebase for Decision Support Systems ", AEC 1999, AL- Azhar Engineering Fifth International Conference, Egypt, September 8-9, 1999.*
- *Kamal H. Hashem, Reda Abo Alez, "Reliability of Distributed Database Systems. ", AEC 1993, Al-Azhar Engineering Third International Conference, Egypt, September 2-9, 1993*
- *Kamal H. Hashem, , Reda Abo Alez, "Integer Programming Distributed Database Systems. AEC 2000, Al-Azhar Engineering First International Conference, Egypt, September 1-5,1989*

Completed PHD Thesis Supervision

- *The Effect of Interaction Between Cloud Computing Environment and Massive Open Online Courses (MOOCs) on Developing the Computer Network skills and Academic Self-Efficacy for Educational Technology Students' and Their Satisfaction level Towards It - 2019*

Completed Master Thesis Supervision

- *E-Learning evaluation and Improvement Algorithm.2018*
- *Mining E-Learning Environment to Enhance the Learning Process 2013*
- *Design of Data Encryption and Decryption Algorithm. 2005*

Research Projects Reviewer

- *A Novel Strategy for Secured High-Speed Data Delivery over Computer Networks
Taif University – KSA- Faculty of Computer and Information Systems 2009/2010*
- *Design and implementation of neural networks using FPGAs
Taif University – KSA - Faculty of Computer and Information Systems 2009/2010*

Previous experiences

- *Instructor at the Faculty of Engineering - Al-Azhar University - Department of Computer Systems Engineering from January 1983.*
- *Assistant Lecturer at the Faculty of Engineering - Al-Azhar University - Department of Computer Systems Engineering starting from June 1990.*



- *Lecturer at the College of Technology - Qatar University from 1991 to 2001*
- *Lecturer of Computer Science at the Department of Educational Technology and Supervisor of the Department of Educational Technology - Faculty of Specific Education - South Valley University in Qena – Egypt from 2001 to 2006*
- *Lecturer (Assistant Professor) at the Faculty of Computers and Information - King Abdulaziz University Jeddah Kingdom of Saudi Arabia from 2006 to 2017*
- *Lecturer member at the Higher Institute of Computer Science and Information Systems (Egypt) (Fifth Settlement) from 2017*

Professional Qualifications

- ⊕ • *Microsoft Certified Professional 2001*
- ⊕ • *Microsoft Certified Professional Systems Engineer (MCSE) 2001*
 - *A Course (professional ethics and etiquette) in the period from 10/10/2004 to 11/10/2004*
- ⊕ • *Course (Effective Presentation Skills) in the period from 8/2/2006 to 11/2/2006*
- ⊕ • *Course (curriculum design) in the period from 18/2/2006 to 19/2/2006*
- ⊕ • *Quality Assurance course in the period from 11/6/2006 to 12/6/2006.*

Reviewer of computer engineering for scientific journals

- *Journal of software engineering Faculty of Engineering, Al Taif University Saudi Arabia*

Membership in Scientific Societies

- ⊕ - *Member of the Egyptian Engineering Syndicate*
- ⊕ - *Member of the Saudia Engineering Syndicate*



- Courses previously taught

- *Computer Technology*
- *Computer Organization*
- *Artificial Intelligence*
- *Digital and Logic Circuits*
- *Microprocessor Technology*
- *Computer Fundamentals*
- *Computer Engineering*
- *Microprocessor Applications*
- *Computer Language*
- *Communication Systems*
- *Computer Applications*
- * Information Systems*
- * Data Mining Techniques*
- * Operating system*
- * Digital Design*
- * Networks and information security*
- * Software Engineering*
- * Database System*
- * Data Structure and Programming*
- * System Analysis & design*