

### Biography of Lecturer/ Ashraf Youssef.

Lecturer Ashraf Abdel Halim Youssef finished his primary, preparatory and secondary education at As-Salam College (ASC), a private school in the quiet suburb of Heliopolis, Cairo, Egypt. He earned the General Secondary Certificate of Education (GSCE) in 1979, with a double major in Mathematics and Science. He then joined the College of Engineering at Ain-Shams University (ASU), Cairo, Egypt. In 1985, he completed the requirements for the Bachelor of Science degree and earned the Bachelor of Science in Electrical Engineering (BSEE) with a double major in Electronic Computers and Automatic Control. In 1986, he worked with INFOTECH, a private sector Computer company, headquartered in Heliopolis, Cairo. In 1989, he worked with IBM in Lexington, Kentucky. In 1993, he passed the EIT exam for certification by the State of Kentucky Board of Registration for Professional Engineers. While in Lexington, he pursued post baccalaureate studies, in the field of Computer Science at the University of Kentucky (U.K). In 1993, he transferred to the University of Louisville (U. of L.), to work on his Master of Science degree, with the Engineering Mathematics and Computer Science (EMACS) Department. In 1994, he was an adjunct faculty at Sullivan College, Lexington, Kentucky. In 1995, he became a full-time faculty with the same institute. There, at Sullivan College, and till 1999, Mr. Youssef instructed and motivated students in areas of Math and Computer Science, and advised their graduation projects that were mainly implementing Computer applications using Visual basic and D-Base III plus.

In 1999, Mr. Youssef relocated to the Kingdom of Saudi Arabia, where he joined King Saud University (KSU) as a Lecturer with the College of Computer and Information Sciences (CCIS), the Information Systems (IS) Department. He lectured and held tutorials in the areas of System Analysis and Design (SA&D), Business Process Management (BPM), Project Management (PM), Data Mining (DM) and Text Mining (TM). Mr. Youssef was the advisor of many graduation projects for undergraduate students enrolled with the IS department. Concurrently, while at KSU (2008-2009), Mr. Youssef advised four graduation projects for undergraduate students at Princess Nourah University (PNU), Riyadh, Saudi Arabia. Such projects were implemented using tools like Visual Basic.Net 2008, and Microsoft office access 2007. Concurrently, while at KSU (2015-2018), Mr. Youssef taught Computer Programming (C++) and Database Courses and supervised graduation projects of undergraduate students at the College of Applied Studies and Community Service (CASCS).

Mr. Youssef's research interests include but are not limited to Genetic Algorithms, Network Security, Machine Learning, Data Mining and Text Mining. GAMMA "Genetic Algorithms for Multi Module Assignments" is a sample of his publications.