

Resume

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Objective

Business Development Analyst, Information Technology Lecturer, Researcher, Database Analyst, Team Leader of Smart Business Automation, E-learning Course Developer, MIS Project Manager, Expert Business Information Systems Developer.

I'm striving to be a teacher with a balanced development in teaching methodologies and professional research in the area of Smart Business Automation.

Student centric learning environment has been adopted in my teaching methodology where the concept of learning by doing has been realized.

Specialties

- Optimism
- Leadership Skills
- Ability to adapt quickly to new environments
- First learner of new requirements
- Ability to find quick and practical solutions for problems
- Helpfulness
- Sociability
- Hard worker

Education

94-95: 24/11/95: **Master of Science** in computing science (Artificial Intelligence); Staffordshire University; **UK**.

93-95: 30/6/95: Postgraduate Diploma in computing science (Artificial Intelligence); Staffordshire University; **UK**.

88-89: Converting Bachelor Degree to Computer Engineering-Postgraduate Diploma in computer engineering; Higher Institute of Applied Sciences and Technology (HIAST); Syria.

82-87: Bachelor of Civil Engineering; Damascus University; Syria.

Courses of study

Programming- Programming Languages-Data structures and algorithms -Compilers- Software engineering-Systems analysis-Database management-Operation Management- Information 2

Systems Management-Logic Circuits Design-Operating Systems- Assembly Languages- Computer Networking-Computer Architecture-Expert Systems-Recognition-Learning-Expert Business Information Systems.

Research projects

MSc Project: Applying Semantic Analysis to Develop a Semantic Schema for Corporate Information Systems.

PhD Project: Modeling Semantic and Pragmatic Knowledge for Information Systems Engineering.

Training courses

9-12/6/91: Introduction to Oracle; Oracle Certificate.

15-18/6/91: Advanced Application Building; Oracle Certificate.

28-30/11/98: Develop Complex Data Models and Design Database; Oracle Certificate.

5-9/12/98: Designer/2000: Enterprise System Modeling & Tools; Oracle Certificate.

12-16/12/98: Designer/2000: Design & Build Database Objects; Oracle Certificate.

19-23/12/98: Designer/2000: Design & Build Applications; Oracle Certificate.

26-28/12/98: New Features for Designer 2.0; Oracle Certificate.

4/2014: Instructional design Program; Korean Society for educational technology.

4/2014: Raptivity Program.

4/2014: Lecture Maker.

Workshops

10/12/2012: Instructional Design of Electronic Learning, King Saud University.

8/10/2012: How to Store Courses Information in Learning Management System, King Saud University.

21-22/4/2012: Basic of E-learning and distance learning, King Saud University.

9/11/2009: Academic Advising, King Saud University.

8/11/2009: Preparing a plan and description of decision and the course, King Saud University.

7/11/2009: Quality and Accreditation, King Saud University.

6/11/2009: Strategic Plan for the College, King Saud University.

6/11/2009: Vision, Mission, Goals, values, King Saud University.

2/11/2009: Assessing the quality of educational services, King Saud University.

2/11/2009: Vision and Mission of the College, King Saud University.

Computer Experience

Operating systems: Windows-Unix-Dos-Macintosh OS.

Programming tools: DBMS(Oracle-Access-4ThDimension)- Oracle IDS (internet development suite) Matlab, Pascal-C++-C#-Visual Basic-Java-HTML-HyperCard-Assembly-Common Lisp-Prolog- SQL/PL- SQL-Office applications. LMS- Articulate-StoryLine, Adobe Captivate- Adobe Creative Suite- HTML5- CSS- JavaScript. UML, Mobile Application development.

Previous post and practical experience

03 to date: **IoT and Smart Business Automation Expert, Researcher and Assistant Professor** at King Saud University; KSA.

Applied research developer of smart intelligent information systems.

Teaching Advanced Visual Basic (V6) Programming, Introduction to Information Technology, Systems Analysis, Modern Database Management Systems, C++, PL/SQL, SQL, Matlab, Vbasic, Data structure and algorithms, Multimedia Applications and Artificial Intelligence courses.

Developing e-learning courses: the award of best development has been obtained in 2014 for the course 235CS. The development process includes:

- Working with LMS and course management, enhancement requirements gathering, testing and troubleshooting.
- Instructional Designing by working with Subject Matter Experts to develop courses delivered in all modes, primarily eLearning.
- Creating eLearning courses to standards (SCORM/AICC) using mainstream authoring software (Articulate StoryLine, Adobe Captivate) and the creation of supporting media content (images, video, audio) using standard industry tools (Photoshop/Illustrator/Fireworks/Audacity/etc.). building queries/reports for the purposes of gathering data and performing data analysis, troubleshooting and metrics reporting.

Chairman assistant of the self-development skills department at preparatory-year deanship for development and quality assurance (I've developed successfully the department plan 2014-2015).

01-03: **lecturer** at the Prince Sultan Private College; KSA.

Taught Computer Orientation 1 (office applications), Computer Orientation 2, Modern Database Management Systems, Systems Analysis, C++, Vbasic, Data structure and algorithms, and Artificial Intelligence courses.

8-10/02 (as co-operator for three months): Developing Expert Information Systems by using Oracle IDS at Naif Arab Academy for Security Sciences; KSA

99-01: **lecturer** at the teachers college; KSA.

Taught Computer Orientation 1 (office applications), Computer Orientation 2, Modern Database Management Systems, Systems Analysis, C++, Vbasic, Data structure and algorithms, and Artificial Intelligence courses

99-00: **lecturer** at the National Program for Gifted Students; KSA.

88-99: **Team leader of smart business automation**; HIAST; Syria.

My duties are developing applied research in the field of intelligent information systems engineering, leading a team to perceive the business knowledge of Syrian establishments, developing the user requirements study, design the smart business automated solution, implement the solution and maintain it. The following talks about my achievements:

99 : Obtaining the Syrian national award for applying my approach of developing expert business information systems at Syrian establishments.

96-99: Developed a new approach for building expert business information systems. The approach offers a systematic way for perceiving and analysing information and communication in an organisation, designing, and implementing the required system (by using Developer2000 and Oracle DB). It has been tested by developing a personnel information management expert system at Syrian public establishments, which has been applied at three of them: the International Fair of Damascus, the Assad Library, and the Antiquities and Museums.

Developed a new approach for re-engineering legacy systems for achieving the new business needs of sharing information and program interoperability among existing systems.

89-94: Development projects: two projects. The first is a database system for archaeological objects, which has been applied at the public establishment of Antiquities and Museums. It is a multimedia system for storing and managing all kinds of information about the objects. The second is an archiving application generator, which has been applied at the Scientific Studies and Research Center. It allows the user to describe his requirements and then it will generate a specific archiving database system, which fits the requirements.

Publications:

Nasser, N., Anan, M., Chikh Awad, M., F., Bin-Abbas, H., Karim, L., "An Expert Crowd Monitoring and Management Framework for Hajj", International Conference on Wireless Networks and Mobile Communications (WINCOM'17), Morocco, 2017.

Chikh Awad, M.F., "Information Field Complements Information Flow Paradigm in Getting Requirements of Networked Information Systems ", IEEE, In proceedings of the 2008 International Conference on Communication Technologies: From Theory to Applications, Damascus, Syria, 2008.

Chikh Awad, M.F., "An approach For Developing Expert Business Information Systems", In proceedings of the 16thNcc conference, Riyadh, Kingdom of Saudi Arabia, 2001.

Chikh Awad, M.F., "Paving The Way for Sharing Information and Program Interoperability, In proceedings of the second Al-Shaam Int. Conf. On Information and Communication Technology, Damascus, Syria, 1999.

Chikh Awad, M.F., "A methodology For Developing Personnel Information Management Expert System at Syrian Public Establishments, A project has been awarded Al-Bassel Award, Syrian Computer Society, 1999.