

Boshra Mostafa's CV

Personal Information

Name: Boshra Mostafa
Place and Date of Birth: Salamia – Hama, 31/8/ 1988
Gender: Female
Material Status: Married
Nationality: Syrian
Address: Dier Elzoor
Native Language: Arabic
Other Languages: English(Very Good)
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Education

2006: I graduated from Secondary School (230/240).
2006: I entered the Faculty of Information Technology Engineering
(University of Damascus).
2009: I specialized in Artificial Intelligent department.
2011: I graduated as an IT engineer with general average (74.36%).

Scientific Qualification

Programming Languages:

Pascal, C++, Java, C#, LISP, Prolog, Matlab (Good Experience).

Database Engine:

Good Experience with SQL Server 2008, SQL Server 2008 R2.

Graphic Engine:

Open GL (good experience).

Knowledge Base Languages:

CLIPS, JESS (Good Experience).

Software Engineering:

Good experience in Object Oriented Programming (OOP);

Good experience in UML and the unified process (UP).

Operating System:

Microsoft Windows, Linux.

Other:

Robotics, Machine Learning, Multimedia, Information System Security,
CrystalReport Tool ,Project Management, Communication Skills.

Academic Projects

Rehabilitation Using Virtual reality and Haptic Interfaces

(Haptic Rehabilitation) (5th year Project):

- General hybrid system which improves user ability after an accident or stroke depending on human computer interaction (Haptics) and therapist guidance.
- Implementation Tools: C++,OpenGL,Haptics API.
- The grade was (84%).

Auto-Driven System:

- Fuzzy expert system which controls movement using fuzzy rules in 2D visualization environment.
- Implementation Tools: Java.
- The grade was (95%).

Car Acceptability with SVM and Ensemble:

- Learned system decides whether product factors influence consumer decision on the purchase (using in Cars' marketing).
- Implementation Tools: Java + WEKA.
- The grade was (75%).

Voice Activity Detection(Voice Enhancement):

- Search and compare with some algorithm which is used in voice activity detection (extract speech from speech signal which contains noise)
- Implementation Tools: Matlab.
- The grade was (90%).

Medical Learned Expert System for nervous diseases diagnosis(4th year Project):

- Expert system for diagnosing neurologist diseases depending on patient story and other sources.
- Implementation Tools: C# , SQL Server 2005.
- The grade was (87%).

Mini C# Compiler:

- Building a compiler for mini C# programming language.
- Implementation Tools: Java , JavaCC tool.
- The grade was (77%).

Vitamins Adviser System:

- Expert system can diagnosis decreasing Vitamins diseases and get a suitable treatment.
- Implementation Tools: Java , JESS.
- The grade was (85%).

Questionnaire Generation & Analysis System (3th year Project):

- General system generates many kinds of Questionnaire and provide a service answering the Questionnaire from all user have used the system to make set of reports (analysis phase) about every Questionnaire that adds or already exists in the system.
- Implementation Tools: C# , SQL Server 2005, Crystal Report.
- The grade was (86%).

Water Wave Movement Simulation:

- System which simulates waves movement on the surface of water physically.
- Implementation Tools: C++, OpenGL.
- The grade was (96%).

Professional Training:

Training course in GFA company.