

RESUME

Personal Information's:

- Full Name: **ADIL ABDULWAHHAB GHIDAN**
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- Sponsor: HCED-Iraqi Student.



Qualifications:

- **2004/2005** –University of Technology - Iraq: M.Sc. in Computer Sciences
- **2002/2003**- Iraqi Commission for Computers and Informatics (ICCI) - Iraq: High Diploma. Degree in Software engineering
- **2001/2002** -University of Baghdad -Iraq: B.Sc. Degree in Software engineering

Research Profile:

- My M.phil is entitled “**Denoising and Noise Identification Techniques based on Multiwavelet and Neural Networks**”. This research deals with two types of the two-dimensional Multiwavelet transform Two types of thresholding are described that can be used in image denoising technique; these are hard-thresholding and soft-thresholding are described that can be used in image denoising then design and implementation a new technical of thresholding process in image named as mixed threshold by using the advantage or the benefited of the various thresholding techniques then design model of identification of noise type in color image noisy by using neural network (**Backpropagation Neural Network**) and test this model on the color image noisy.

Publications:

- ADIL ABDULWAHHAB GHIDAN, Muneera abed hmidi Al-Saedi, Asmaa A. Mahdi “**Speeding and Efficiency Increasing of Color Biometric Finger Print Identification Using Particle Swarm Optimization Based On Selected Feature by Multiwavelet**”, published at the **IEEE Computer Society** in the 12th Annual Postgraduate Symposium on the convergence of Telecommunications, Networking and Broadcasting Conference (**PGNet 2011**), Liverpool University London-United Kingdom UK.
- ADIL ABDULWAHHAB GHIDAN, Muneera abed hmidi Al-Saedi, “**Face Recognition Based on Mixed between Selected Feature by Multiwavelet and Particle Swarm Optimization**”, published at the **IEEE Computer Society** in the Third International Conference on Developments in e-Systems Engineering (DeSE'10), London 2010 IEEE Computer Society, pp.199-204.
- ADIL ABDULWAHHAB GHIDAN, BASHAR TALIB HAMEED, "**Learning More About Attack Patterns with Honey Pots**", published at the Al-Fateh Journal, Basic Education College, Diyala University, Iraq, No: 32, in 4-4-2006, pp.35-57.
- ADIL ABDULWAHHAB GHIDAN, BASHAR TALIB HAMEED, "**Design of Dynamic Hon pots for Intrusion Detection** ", published at the Journal of Education, Diyala University, Iraq, No.31 in 9-9/2008, pp.86-74.

- ADIL ABDULWAHHAB GHIDAN, "**Design and Implementation of New Computation Methods of Multiwavelet Decomposition as 1st and 2nd Approximations**", published at the Journal of Education, Almustanserya University, Iraq, Volume 3: No.2, 2009, pp.152-185.
- ADIL ABDULWAHHAB GHIDAN, BASHAR TALIB HAMEED, "**Design and Implementation of New Computation Methods of Multiwavelet Decomposition as repeated row Approximations**", published at the Journal of Um-Salama for Science, College of Science for Women, University of Baghdad, No:528/2008, pp.126-155.
- ADIL ABDULWAHHAB GHIDAN, "**Implementation of ECG (Electrocardiogram Compression using Multiwavelet Transform and SPIHT Algorithm)**", published at the Diyala journal of applied researches, College of Medicine, Diyala University, Iraq, Volume 5, No.1, 2009, pp.37-43).
- ADIL ABDULWAHHAB GHIDAN, "**Identification of Noisy Arabic Speech Utterance using Multiwavelet Compression**" published at the, Diyala Journal for pure science, first conference for college science, Diyala University, Iraq, 16-11-2009, Vol.6, No.2, pp.32-55.
- ADIL ABDULWAHHAB GHIDAN, "**Design and Implementation of Distributed Intrusion Detection System using Bayesian Distribution System**" published at the Journal of Education, Almustanserya University, Iraq, Volume 6: No.1, 2009, pp.25-38.
- ADIL ABDULWAHHAB GHIDAN, "**Implementation a New techniques of Slantlet Transform on Gray Image using Two-Scale Iteration of Filter Bank**" published at the Iraqi Conference for Information Technology (ICIT'2010), Iraq, University of Kufa in October 19/20-2010.
- ADIL ABDULWAHHAB GHIDAN, "**Development New Computation Method for Multiwavelet Reconstruct Image Enhancement using 1st and 2nd Order Approximations Based on Multi-Stage Vector Quantization**" published at the Second Scientific Conference of Science College Iraq, Diyala University in April 19/20-2010.
- ADIL ABDULWAHHAB GHIDAN paper "**Color Image Reconstruction using Three-Scale Iteration of Filter Bank for Slantlet Transform**" published at the Thirteen Scientific conference of Basic education , Iraq, University of Almustanserya in March 29/30-2011.

Occupation & job Description:

- **Lecturer:** Computer Science Dept. In **Diyala University/College of science**, 2003 to 07/01/2012 In the following subjects:
 - Image processing.
 - Artificial Intelligence.
 - Object Oriented Programming.
- **Lecturer:** Computer science Dept. In **Diyala University/College of Education** in 2004-2005 In the following subjects:
 - Artificial Intelligence.
 - Project management.