




Curriculum vitae

Full Name	Assist. Prof. Dr. Jumana Waleed Salih		
Date of Birth	December 16, 1982 - (Baghdad - Iraq)		
Social Status	Single		
E-mail	jumanawaleed@uodiyala.edu.iq		
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Academic Achievement	PhD		
The scientific Title	Assist. Prof.		
Scientific Department	Department of Computer Science		
BSC	Al-Yarmok University College	Computer Science	2004
Masters	University of Technology, Computer Science Department	Computer Science - Data Security	2009
PhD	Central South University, School of Information Science and Engineering, China	Computer Science - Computer Application Technology	2015
Workplace	Department of Computer Science, College of Science, University of Diyala		
Research areas	Information Security, Digital Image Processing, Deep Learning Techniques, Home Automation, Forensics Techniques, and Optimization Techniques.		
Research's	Machine Learning-Based Effective Detection Scheme of Fake News Facemask Wearing Detection Based on Deep CNN to Control COVID-19 Transmission Two Stages of Algebraic Matrix Decomposition in Optimal Image Steganographic Approach News Aggregation and Fake News Detection Using Deep Learning: An Abbreviate Survey Tweet Sentiment Polarity Detection Based on Semantic Similarity An Effective and Accurate CNN Model for Detecting Tomato Leaves Diseases A Review of Recent Development of Security Schemes for UAVs Communication Retina Based Glowworm Swarm Optimization for Random Cryptographic Key Generation Developed Lightweight Cryptographic Algorithms for The Application of Image Encryption: A Review		



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<u>Implementation of modified GSO based magic cube keys generation in cryptography</u>
<u>An Inclusive Survey of Machine Learning based Hand Gestures Recognition Systems in Recent Applications</u>
<u>ASystematic Mapping Study on Brain Tumors Recognition Based on Machine Learning Algorithms</u>
<u>Mamdani FIS Combined With LU Decomposition Method and Two-Level LWT for Image Watermarking Technique</u>
<u>The Security Threats and Solutions of Network Functions Virtualization: A Review</u>
<u>An Effective Blind Detection Technique for Medical Images Forgery</u>
<u>Information Hiding Based on Retina Random Number Keys</u>
<u>Human speech and facial emotion recognition technique using svm</u>
<u>An efficient scheme of digital image watermarking based on Hessenberg factorization and DWT</u>
<u>IMPLEMENTATION OF DRIVER'S DROWSINESS ASSISTANCE MODEL BASED ON EYE MOVEMENTS DETECTION</u>
<u>Emotions Polarity of Tweets Based on Semantic Similarity and User Behavior Features</u>
<u>Development of Breast Cancer Diagnosis System Based on Fuzzy Logic And Probabilistic Neural Network</u>
<u>An Optimized Zero-Watermarking Technique Based on SFL Algorithm</u>
<u>Driver's Drowsiness Monitoring and Alarming Auto-System Based on EOG Signals Preservation Authentication and Authorization on Blockchain</u>
<u>Secure Data Transmissions for Iraqi National Identification Card Using LoRaWAN Protocol</u>
<u>Secure Data In LoRaWAN Network By Adaptive Method Of Elliptic-curve Cryptography</u>
<u>An Efficient and Fast Digital Image Copy-Move Forensic Technique</u>
<u>Effects of JPEG and JPEG2K Standard Algorithms on Compression of Laser Speckle Images Image Quality and on a Clinical Parameter Accuracy</u>
<u>An Expanded Vision of Breast Cancer Diagnosis Approaches Based on Machine Learning Techniques</u>
<u>An Expansion in Classification of Eye Gaze Detection Methods</u>
<u>Comprehensive Display of Digital Image Copy-Move Forensics Techniques</u>
<u>Smart home as a new trend, a simplicity led to revolution</u>
<u>Implementation of key-cryptosystem for efficient data sharing in cloud environment</u>
<u>A singular value decomposition based approach for the compression of encrypted images</u>
<u>The Inclusion of Watermarks Based on QR Code Analysis</u>
<u>Eye-Gaze Estimation Systems for Multi-Applications: An Implementation of Approach Based on Laptop Webcam</u>
<u>Algebraic Authentication Scheme</u>
<u>Comprehensive expansion in Anti-Forensics Techniques (AFTs) based compressed image</u>
<u>An optimized digital image watermarking technique based on cuckoo search (CS)</u>
<u>Anaglyph video smell presentation using micro-porous piezoelectric film olfactory display</u>
<u>Imperceptible 3d video watermarking technique based on scene change detection</u>
<u>Ancient Cuneiform Text Extraction Based on Automatic Wavelet Selection</u>
<u>Heat based odors delivery apparatus for interactive game playing</u>



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	<u>An immune secret QR-code sharing based on a twofold zero-watermarking scheme</u>
	<u>Smell Impregnated Images, Encoding, Generation and Its Implications</u>
	<u>Multiple Node Selection Aimed to Optimum Data Delivery Route Using Discrete Cuckoo Search Algorithm for Wireless Sensor Networks</u>
	<u>Face Detection and Pose Estimation Based on Evaluating Facial Feature Selection</u>
	<u>Optimal positions selection for watermark inclusion based on a nature inspired algorithm</u>
	<u>Head Pose Estimation Based On Detecting Facial Features</u>
	<u>A Novel Olfactory Displays' Scent Dispersing Module</u>
	<u>A survey of digital image watermarking optimization based on nature inspired algorithms NIAs</u>
	<u>A robust optimal zero-watermarking technique for secret watermark sharing</u>
	<u>Nose tip localization in three-dimensional facial mesh data</u>
	<u>Integral algorithm to embed imperceptible watermark into anaglyph 3d video</u>
	<u>Hand Gesture Recognition Using a Convolutional Neural Network for Arabic Sign Language</u>
Scientific expertise	<i>Occupation & job Description: Computer Networks and Communication, Digital Image Processing, Multimedia, Meta-heuristics, Computing Theory</i>