

Academic Curriculum Vitae



Personal Information:

Full Name: Dr. Raghad Zuhair Yousif

Academic Title: Assistance Professor

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Education:

- 2002 – 2005 Ph.D. Communication Engineering

Dept. of Electrical & Electronics Engineering, University of Technology /Baghdad with grade Excellent

- 1998 – 2001 Master of Electronics and Communication Engineering

Dept. of Electrical Engineering, Al-Mustansriya University with grade Excellent.

- 1994 – 1998 BSc. of Electronics and Communication Engineering.

Dept. of Electronics and communication Engineering, University of Baghdad, with grad Good.

Employment:

- 2001 – 2006 Al-Mustansriya University Baghdad

Assistant Lecturer /later Lecture PhD. Carrier I've taught many courses in under graduate (BSc) at Al-Mustansriya University – Baghdad College of Engineering/ Department of Computer Software Engineering like: Digital Image Processing. Data Security Computer Networks. During this period, I've effectively supervised many BSc projects.

- 2006 – 2010 Salahaddin University – Erbil College of Engineering

Lecturer and PhD Carrier. I've taught many courses at the Salahaddin University – Erbil College of Engineering/ Department of Software Engineering like: Computer Architecture I, Digital System Designs, Digital Image Processing, Computer Graphics, during this period I've effectively supervised many MSc and BSc thesis's.

- Till now-2011 Salahaddin University-Erbil, College of Science.

Assistant Professor. I'm teaching different courses such as: Computational Physics (MSc), Remote Sensing and Image(MSc) and (digital signal processing)4th stage communication, (Mobile radio) 4th stage communication. (Medical imaging) 4th stage Medical physics.

- Till now – 2015 Part time lecturer in CUE.

Qualifications

- Teaching qualifications
- 2006 (SISCO Level 1 CCNA1) instructor
At the regional SISCO academy, I had received a certificate from SISCO Academy to be instructor of CCNA1. Language qualifications such as TOEFL, IELTS or any equivalent
- Any professional qualification
Technical skills—Word processing, analyzing, calculating, computer skills, communication, critical thinking.
transferrable skills-- acknowledging, recommending, leadership, negotiation, managing, organizing, following-up, anticipating, leadership, counseling, deciding, problem solving, discussing, explaining, planning.

Teaching experience:

- Digital Image Processing
- Video Analysis
- Advanced Computer Networks
- Real time systems
- Computational Theory
- Digital and Analogue Communication Advanced Computer Networks Computer Skills I
- Microcomputer Application
- Computer Skills II Structured programming
- Object Oriented Programming (OOP)
- Programming by Components
- Database I Database II Computer Graphics
- Concepts of programming languages
- Compiler Design
- -medical imaging
- -Mobile Radio Communication
- -Information System Architecture
- Electronic devises
- Principle of Communication system
- Digital signal processing
- Digital Image Processing Computer Network Security Advanced Computer Networks
Real time systems
- Multimedia system technology
- Digital and Analogue Communication

- Remote sensing
- Computational physics
- Application Building and Software Construction

Research and publications

An approach for enhancing data confidentiality in Hadoop

SW Kareem, RZ Yousif, SMJ Abdalwahid
Indonesian Journal of Electrical Engineering and Computer Science 20 (3 ...

A novel intelligent system for brain tumor diagnosis based on a composite neutrosophic-slantlet transform domain for statistical texture feature extraction

SH Wady, RZ Yousif, HR Hasan
BioMed Research International 2020

Enhancing approach for information security in hadoop

RZ Yousif, SW Kareem, SM Abdalwahid
Polytechnic Journal 10 (1), 81-87

Enhancing approach using hybrid pailler and RSA for information security in bigdata

SMJ Abdalwahid, RZ Yousif, SW Kareem
Applied Computer Science 15 (4), 63-74

Automatic Classification of Covid-19 Chest X-Ray Images Using Local Binary Pattern and Binary Particle Swarm Optimization for Feature Selection

BN Mohammed, FH Al-Mukhtar, RZ Yousif, YS Almashhadani
Cihan University-Erbil Scientific Journal 5 (2), 46-51

A novel neutrosophic method for automatic seed point selection in thyroid nodule images

SO Haji, RZ Yousif
BioMed Research International 2019

Predicting temperature of Erbil City applying deep learning and neural network

S Al-Jumur, SW Kareem, RZ Yousif
Indonesian Journal of Electrical Engineering and Computer Science 22 (2 ...

GUI Based Automatic Remote Control of Gas Reduction System using PIC Microcontroller

AG Ismaeel, RZ Yousif, EF Abdallh
arXiv preprint arXiv:1305.0668

novel mining of cancer via mutation in tumor protein p53 using quick propagation network

AG Ismaeel, RZ Yousif
arXiv preprint arXiv:1505.06751

An Improved Subset AntNet Algorithm for Numerical Optimization of the Shortest Path Problem

RZ Yousif, AT Sadiq

International Journal of Scientific and Engineering Research 4 (7)

Intelligent System for Screening Diabetic Retinopathy by Using Neutrosophic and Statistical Fundus Image Features.

BNSH Mohammed, RZ Yousif

ZANCO Journal of Pure and Applied Sciences 31 (6), 30-39

A novel run-length based wavelet features for screening thyroid nodule malignancy

SO Haji, RZ Yousif

Brazilian Archives of Biology and Technology 62

A Simulation of Wireless Computer Network Salahaddin University Campus of FTP Using OPNET Simulator

AO Hasan, RZ Yousif, RS Rashid, A OHasan, A ZYousif, R SRashid

Journal metrics

R Zhang, XP Tang, X Gong

Growth

Performance Evaluation of Dispersion Compensation Fiber-based Coherent Optical OFDM-WDM for Long Haul RoF

RZ Yousif, YS Almashhadani, BM Rasool

Al-Kitab Journal for Pure Sciences 6 (2), 1-13

A Secure Medical Image Transmission System Based On 2D Logistic Map and Diffie-Hellman Key Exchange Mechanisms

SH Wady, RZ Yousif

UHD Journal of Science and Technology 6 (2), 94-104

A Slantlet based Statistical Features Extraction for Classification of Normal, Arrhythmia, and Congestive Heart Failure in Electrocardiogram

SS Saeed, RZ Yousif

UHD Journal of Science and Technology 5 (1), 71-81

Automatic Classification of Coronavirus Disease-19 Chest X-Ray Images Using Local Binary Pattern and Binary Particle Swarm Optimization for Feature Selection

BN Mohammed, FH Al-Mukhtar, RZ Yousif, YS Almashhadani

Corrigendum to "A Novel Neutrosophic Method for Automatic Seed Point Selection in Thyroid Nodule Images"

SO Haji, RZ Yousif

BioMed Research International 2019

Research Article A Novel Neutrosophic Method for Automatic Seed Point Selection in Thyroid Nodule Images

SO Haji, RZ Yousif

A Robust Digital Image Encryption Approach Based on Extended Large-Scale Randomization Key-Stream Generator

MHK AL-Ubaedi, RZ Yousif, O Kanoun

2018 15th International Multi-Conference on Systems, Signals & Devices (SSD ...

Robust Digital Image Encryption Approach Based on Extended Large-Scale Randomization Key-Stream Generator

RZ Yousif, AG Ismaeel

Al-Kitab Journal for Pure Sciences 2 (2), 175-195

A Proposed Design of Campus IP Network for Duhok University Using OPNET

RZ Yousif, AG Ismaeel

Al-Kitab Journal for Pure Sciences 2 (2), 132-149

A proposed P2P Kurdistan Academic Network Backbone (KANB), Based on Random Linear Network Coding

RZ Yousif, RS Youeel, FI Kareem

Kurdistan Journal of Applied Research 2 (3), 50-55

An Optimized Salahaddin University New Campus IP-Network Design using OPNET

AO Hasan, RZ Yousif, RS Rashid

International Journal of Advanced Computer Science and Applications 8 (12)

Simulate High Traffic and Effective Cost an Academic Kurdistan Network Based on DWDM using OPNET

AG Ismaeel, RZ Yousif

arXiv preprint arXiv:1409.2484

Simulate High Traffic and Effective Cost an Academic Kurdistan Network Based on DWDM using OPNET

A Ghany Ismaeel, RZ Yousif

arXiv e-prints, arXiv: 1409.2484

Low Vision X-Ray Images Contrast Enhancement Using Wavelet Transform and Non-Linear Mapping

RZY Al-Macdici, KA Zidan

Diyala Journal of Engineering Sciences 2 (1)

A Novel Comprehensive Spectral-Textural Features Extraction of Laplacian Pyramid Enhanced Retina Images for Early Detection and Diagnosis of Diabetic Retinopathy

OH Hama, Ş ÖZGAN, RZ Yousif

Computer Session

RZ Yousif, SW Kareem, AO Hasan

ICNS 2016, 181

Conferences and courses attended

- Many IEEE conferences held by Iraqi Sector of IEEE.

Funding and academic awards

- 2006 Award given form Manager of SISCO Academy for acquiring greater than 80% in the examination of the SISCO academy CCNA1 level networking course for instructor.
- 2006 Award given form president of Al Mustansriya University for acquiring rank 2 in the SISCO academy CCNA1 Networking course for instructor.
- 2006 evaluation from mobile research laboratory at university of Plymouth, UK to my Ph.D. thesis to assert its originality.
- 2005 evaluation from Dep. of computer and communication Eng. University of RIMT, Victoria, Australia to my Ph.D. thesis asserting its originality.
- 2003 National Award from Secretary General of the Association of Arab Universities for winning the third reward assigned to best scientific research in the field of Data security in the age of information technology.
- 2001 Award from president of University of Technology for submitting a research to the 2nd conference of computer, communication, and control engineering held (29-30) Dec 2001, at University of technology.
- 2002 Award from president of University of Technology for submitting a research to the 2nd conference of computer, communication, and control engineering held (19-30) Dec 2002, at University of Technology.
- 2008 Award from the first Software products exhibition(SEDAP) arranged at department of SE, Salahaddin University-Erbil college of Engineering for preparation and participation.
- 2008 thanks and Evaluation from the denary of Engineering college at Salahaddin university for the perfect job in managing the examination committee at the SE Department.
- 2023 thanks form minister of minorities in the KRG for serving minorities community.

Professional memberships

- Member of the Iraqi Engineering syndicate.
- Member in trusty board of Hadyab society for competences.
- Member in Kurdistan engineering syndicate.
- Member in scientific board of physics department.
- Member of scientific board of IT and CS department in CUE.

Professional Social Network Accounts:

<https://www.researchgate.net/profile/Raghad-Yousif-2>.

https://scholar.google.com/citations?hl=ar&user=FFUN5MIAAAAJ&view_op=list_works&gmla=AJsNF7Ow2y4jLz2qAQghnMLK9Y7D1IjXG69ClhPohMuj_as0yGxx7WqUnklufmCTJ81VoCX_KKUErM_NqBsDvueZljg1-etqVXNR9ZIPTUfWLQfZPpYyk.