

Mudhafar Jalil Jassim Ghrabat

Curriculum Vitae

The University Huazhong
university of science technology

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Personal Particulars

Full Name MUDHAFAR JALIL JASSIM GHRABAT

Born 1983-09-23

Nationality IRAQ

Gender Male

Marital Status Single

Language Fluent Arabic Written & Oral,

English Fluently; Participation in the development of the English language at the British Council, Student ID; 7001185930, Chennai, India.

Education

- **1990- 1999 Certificate of Secondary Education Examination, Secondary School, Baghdad, Iraq**
- **2000- 2005 B.Sc. in Computer Science, Graduate Faculty of computer science AL-Mustansiriya University, Baghdad, Iraq**
Project Title: *skin cancer detection*
Supervisor: DR. Amal Mohamed.
- **2011 - 2013 MAY M.Sc. in Information Technology, SRM Institute of Science and Technology. Tamil Nadu, Chennai 603203, India**

Dissertation Title: Customer Relationship Management On Naive Bayesian Classifier.

Supervisor: Mrs S.PARIMALA (Association Professor)

Description: customer relationship management & customer classifier and prediction in commercial banks base on naive bayesian classifier

- **2016-2020 Ph.D. Computer Applied , Huazhong University of Science and Technology Wuhan 430074, P. R. China**

Dissertation Title: Towards Improving Content Based Image Model Learning and Image Retrieval classification.

Supervisor: Guangzhi Ma (Professor)

Description: Useful information loss in a feature extracting process may result in inappropriate image categorization. Reserving useful information is highly challenging and critical in feature extraction and reduction. This research aims to utilize hybrid features.

Area of Specialization

Image Processing, Image medicine classification, Machine Learning , Neural Networks and Artificial Intelligence, Feature Extraction, Algorithms, Feature Selection, Image Data Analysis, Genetic Algorithm, Data science, IOT Cloud

Membership

2006 - Present Member of The University AL- Mustansiriya of Academic Association (UMOASI).

2007 - 2008 Board member of the College of Informatics and Virtual Education

2019- The reviewer of Web of Science ResearcherID W-1715-2019

Awards and Prizes

1- Awarded a Grant from the Data for Local Impact Innovation Challenge Project

2- Awarded best paper award in the 14th International Conference on Semantics, Knowledge and Grids IEEE.

3- Currently nomination as a reviewer for several prestigious journals.

4- Participation in the Fabucou SH12 Exhibition. Chennai, India

5- Participation in the development of the English language at the British Council at Chennai for a period of six months. ID:7001185930, 13028.

6- The course in C ++ programming at the Higher Institute NIIT Certificate Number; 12CEZZZZZ1005

Researches Published

2019 Researcher, *Greedy Learning of Deep Boltzmann Machine (GDBM) Variance and Search Algorithm for an Efficient Image Retrieval.* October 2019 **IEEE Access Journal, SCI-A**
DOI: 10.1109/ACCESS.2019.2948266.

2019 Researcher, *An Effective Image Retrieval Based on Optimized Genetic Algorithm utilized a Novel SVM-based Constitutional Neural Network Classifier,* **Human-centric Computing and Information Sciences Journal, SCI-A**

2018 Researcher, Content-based Image Retrieval of color, shape and texture by using Novel Multi- SVM

classifier, International Journal of Machine Learning and Computing (IJMLC) **Scopes.** DOI: 10.18178/ijmlc.2019.9.4.830, Vol. 9, No. 4, August 2019.

2017 Researcher, *Towards Efficient for Learning Model Image Retrieval.* In 2018 14th International Conference on Semantics, Knowledge and Grids (SKG) (pp. 92-99). **IEEE. SCI-C.**

2020 Researcher, *Lightweight Secure Message Delivery for E2E S2S Communication in IoTs-Cloud.* Manuscript ID is Access-2020-46346 **IEEE Access Journal, SCI-A.**
DOI: 10.1109/ACCESS.2020.3041809.

2022 Researcher, *Audio steganography with enhanced LSB method for securing encrypted text with bit cycling.* **Bulletin of Electrical Engineering and Informatics.** <https://beei.org/index.php/EEI/article/view/3279>.

2022 Researcher, *Provably Secure Session Key Agreement Protocol for Unmanned Aerial Vehicles Packet Exchanges.* **the International Conference on Electrical, Computer and Energy Technologies (ICECET) 9-10 December 2021, Cape Town-South Africa.**

2022 Researcher, *Fully automated model on breast cancer classification using deep learning models.* **Indonesian Journal of Electrical Engineering and Computer Science**
2022-10-01 | Journal article | DOI: 10.11591/ijeecs.v28.i1.pp183-191.

Teaching Experience

- ✓ 2007 - 2009 Assistant Lecturer, URUK University of Technology (Department of Computer Science) (Part time).
- ✓ 2009- 2010 Tutorial Assistant, The University of AL-Nahrayn (Department of Computer Science).
- ✓ 2013-2015 Lecturer, The University of AL-Nahrayn (Department of Computer Science) (part time).
- ✓ 2021- Teacher Ashur university college (Pharmacy Department)

Undergraduate Project Supervision

- ❖ Sahar Mohammed and Reda Abdel Azim "Development of Android and iOS Apps for managing UDOM Student Records (In progress, University of Iraqi University of Technology).
- ❖ Shatha Abdel Ali and Omar Suhaib "ST. John's University of Tanzania Student Records (Graduated in 2007, University of Iraqi University of Technology).
- ❖ Mohamed Ahmed, Mohamed Ahmed "Joint Operating System (JOINT OS) (Graduated in 2008, University of Iraqi University of Technology).
Adel Sabah and Ihsan Omar "News-portal Android Application" (Graduated in 2009, University of Iraqi University of Technology).
- ❖ Zahraa Ali and Mona Jalil "Job Search Portal" (Graduated in 2009, University of AL-Nahrayn)
- ❖ Haitham Mohammed and Jihan Hashem "Street Children Information System" (Graduated in 2009),

Professional Service

Moderation of University Examinations at the Department of Computer Science at the Iraq Public Service College, December 2010.

External
Examiner:

- Web developer at the Web Technologies Sumer Limited Company, from June 2010
- Care programmer at the University Computing Center (UCC), June 20010-August

2008 My responsibility was to customising Care 2x modules and developing new modules that fit sheikh Zayed Baghdad hospitals.2011 JAN-2011 MAY.

Administrative Position

2013 AGU -2015 Final Year Project Coordinator in the College of Informatics technology.

Education, The University of AL-Nahrayn , Main duty includes coordinating Final year projects in the College Level.

2013 -2014 Final Year Project Coordinator, Department of Computer Science, College of Informatics Informatics technology. Main duty was to coordinate Final year projects in the Computer Science Department.

Professional Skill

- Computer skills: 8-year major and job experience, familiar with software engineering, advanced JAVA, advanced C++, PHP, HTML and other programming languages, proficient in Excel, Word, Power-point. pythone, NET.
- Microsoft Excel , Microsoft Word, Microsoft Power Point, Outlook mail.

Researches Underview 2022- 2023

Manuscript ID: jsan-1910050,

Title: A Hybrid and Lightweight for Hiding Text Messages in Colour ImagesUsing Chaos and LSB Techniques and Lah transforms

Network Services and Applications Jounral , JSAN 2020 CiteScore 6.9

(Q1 in Categories).

Manuscript ID: jsan-1909987

Title: Session Dependent Token Based Payload Enciphering Scheme for Integrity Enhancements in Wireless Networks. SAN 2020 CiteScore 6.9(Q1 in Categories).

Mathematical Modelling of Engineering Problems (ISSN 2369-0739). Q3 28-05-2023

Distinguishing Real Faces from Printed Spoofing Face Photos based on Cardiac Pulse Rhythm Signals using Video Imaging to Avoid Security Attacks

Referees

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INDIA

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USA

(Professor) Chih-Cheng Hung in the Center for Machine
Vision and Security Research of Kennesaw State University in the United States.
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(Professor) Jian Qiang Du

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<https://www.researchgate.net/profile/Mudhafar-Ghrabat>



<https://www.linkedin.com/feed/>



<https://publons.com/researcher/3032320/mudhafar-jalil-jassim/>

Web of Science Researcher ID;W-1715-2019

Author profile [https://www.scopus.com/authid/detail.uri?authorId=57210728344.](https://www.scopus.com/authid/detail.uri?authorId=57210728344)
Scopus Ghrabat, Mudhafar Jalil Jassim
SCI Profiles SCI Profiles <https://sciprofiles.com/news-feed>

(Reviewer to International Journals Conferences)2022-2021

Conference Title: International Conference on Machine Learning Techniques (MLTEC 2020).

Conference Title: International Conference on Big Data, Machine Learning and IoT (BMLI 2020).

Conference Title: 2nd International Conference on Big Data & IOT (BDIoT 2021)

Conference Title: 10th International Conference on Advanced Computer Science and Information Technology (ICAIT 2021).

Conference Title: 2nd International Conference on Machine Learning Techniques and NLP (MLNLP

2021) Conference Title: 13th International Conference on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC 2021).

Conference Title: 2nd International Conference on Machine Learning & Trends (MLT 2021)

Conference Title: 10th International Conference on Advanced Computer Science and Information

Technology (ICAIT Conference Title: 2nd International Conference on Big Data & IOT (BDIoT 2021)

Conference Title: 2nd International Conference on Big Data and Machine Learning (BDML 2021)

Conference Title: 7th International Conference on Data Mining and Applications (DMAP 2021) .

Conference Title: 2nd International Conference on Machine Learning Techniques and NLP (MLNLP 2021)

Conference Title: 2nd International Conference on Machine Learning Techniques and Data Science (MLDS 2021)

2nd International Conference on Data Science and Applications (DSA 2021)

5th International Conference on Signal, Image Processing (SIPO 2021)

5th International Conference on Networks and Communications (NET 2021)

13th International Conference on Web services & Semantic Technology (WeST 2021)

(Member of Projects)

- **Chinese Education Ministry Key Lab of Image Processing and Intelligent Control, and the Centre for Biometrics Research in Southern Polytechnic State University in United States 2016-2020**
- **Chinese Center for Machine Vision and Security Research of Kennesaw State University in the United States.2020.**

(JOURNALS Clarivate Analytics)

Journal Title: SCI IEEE Access. IEEE-SCI

Journal Title: IEEE Network Magazine, IEEE-SCI.

Journal Title: Human-centric Computing and Information Sciences, Springer-SCI.

Journal Title: Concurrency and Computation, Wiley-SCI.