



ZENAH RAJAB HUSSEIN

Nationality: Iraqi

CONTACT

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Education Background

- Master of Computer Graphics, Faculty of Computer Science & Information Technology, University Putra Malaysia, Malaysia, 2011.
- BSc in Computer Science/ programming department from University of Technology, Iraq, 2004.

Research interests

- Image and Video processing
- E-learning
- Retinal Images
- Encryption
- Echocardiography
- Medical Image
- Electronic Verification and Authentication
- Cyber Crimes
- ANN and CNN
- Green Computing

Employment Experience

- Lecturer in the college of Law, University of Baghdad, 2011- till now.
- Tutor in the department of computer science (Security, Network and Multimedia), University of Technology, 2014-2015.
- Employer in the management and foreign relations departments in Iraqi Middle East Bank, 2005-2008, Iraq.
- Video Processing and Graphic design at Elite computer services company, 2004, Iraq.

Administration Responsibilities Experience

- **Manager of Avicenna department for E-learning, 2018 –till now.**
- **Website Manager for the Journal of Legal Sciences, 2017 – till now.**
- **Manager of Psychological consultation and Educational Guidance, 2016-2019.**
- **Manager Assistant of the Public Law department/ College of Law, University of Baghdad, 2013-2014.**
- **Manager of computer and Media department in the College of Law, Baghdad University, 2012-2013.**
- **Member in many permanent and temporary committees in the College of Law / University of Baghdad.**

Books

- **“Echocardiograph imaging: The Influence of Qualitative & Quantitative Analysis on Echocardiograph Interpretation”, LAMBERT, 2010.**

Publications

- ***Zinah R. Hussein, Zaid R. Hussein, "Refinement for Ocular Ultrasound Images Quality by Utilizing Combination of Enhancement Techniques", Computer and Information Science, Canadian Center of Science and Education, Vol. 9, No. 3, 2016.***
- **Z. R. Hussein, "Efficient Methods of Iris Recognition", International Educational Scientific Research Journal, Vol. 2, No 6 (2016).**
- **R. W. Rahmat, D. M. Zamrin, Z.R. Hussein, H. H. Khalil, "Voice Activation Visualization for Echocardiograph and 3D Angiographic Images in Surgery" , Journal of computer Science, vol. 8, no. 11, p.p. 1868-1873, 2012.**
- **Z.R. Hussein, R.W. Rahmat, L.N. Abdullah, M.I. Saripan, D.M. Zamrin, "Quantitative detection of left ventricular wall motion abnormality by two-dimensional echocardiography", Comput. Inf. Sci., 3 (2) (2010), p. p79.**
- **Z.R.Hussein, R.W.Rahmat, L.Nurliyana, M.I.Saripan and M.Z.Dimon, “Pre-processing Importance for Extracting Contours from Noisy Echocardiographic Images”, IJCSNS. International Journal of Computer Science and Network Security, Vol. 9, No.3. 2009, pp. 134-137.**

Copyrighted Dataset

- Z.R. Hussein, R. W. Rahmat, L. N. Abdullah, M.I. Saripan, D. M. Zamrin, "Contour extraction of echocardiographic images based on preprocessing", *IOP Conf. Series: Materials Science and Engineering 17*, pp. 1-6, 2011.

Proceeding

- Participate in conference of the International Advanced of Technology Congress (ATCi) Kuala Lumpur, Malaysia and publish paper in the book of conference under title "Contours Extraction of Echocardiographic Images based on Pre-processing".
- Participate in the Proceedings of the 12th Annual Scientific Meeting Kuala Lumpur, Malaysia "Improved and Qualitative Detection of the Left Ventricular Wall Motion Using Optical Flow".

Certifications

- More than 36 letters of appreciation from different organs.
- Certificates of Iraq E-Learning Professional Training Program IREX, May-June, 2020.
- Certificates of Training of Trainers TOT, 13-August,2020.
- Certificate of participation in Crossref Live Arabic (online) , Dubai, 11/5/2020.
- Certificate of participation in "Introduction to the Science Direct, Mendeley and Researcher Academy", Elsevier Campus, Online, 28 April, 2020.
- Certificates of Antiplagiarism Training in University of Baghdad, 24-26/9/2019
- Awarded a medal (Initiative researcher) in the platform Arid (the first electronic platform Arabic Researchers).
- Certificate of participation in "Psychological counseling for workers in the guidance units", 2016
- Certificate of the workshop on justice and gender, 2015.
- Certificate of educational qualification course and Arabic language and ranked third,2015.
- Certificate of participation in the electronic forum, Training and Development Center, University of Baghdad, 2014.

Lecturer in workshops, training courses and seminars

- Symposium (Using Google Forms in E-exams), online, 27/6/2020.
- Symposium (Asynchronous Learning by Google Meet), online, 4/5/2020.
- Symposium (Asynchronous Learning by Electronic Applications), online, 13/4/2020.
- Symposium (electronic researcher identity) on 12/5/2019.
- Scientific symposium entitled (scientific communication sites) on 19/3/2019.
- Workshops on e-learning (Google Classroom) / 3 workshops, 2019.
- Seminar (Virtual Reality), 2018.
- Seminar (electronic technologies and their role in eavesdropping on the accused), 2018.
- Symposium (Ethics of Social Media and Legal Responsibility for Abuse), 2018.
- Seminar (scientific journals with impact factor), 2018.
- Seminar (Electronic Identification Methods), 2017
- Training workshop at the Ministry of Education on domestic violence and cybercrime within the project (reducing discrimination and violence against women), 2017.
- Workshop (Virtual Library), 2014
- **Courses Tutor**
- E- learning using Google Classroom., 2018 – 2019.
- Electronic Transactions and administrative notifications, archiving and administrative evaluation, 2018
- Functional Information Security, 2018.
- Windows 8
- Microsoft Office
- MS-Excel
- MS-Power Point
- Internet and email
- The electronic government

Courses, seminars and workshops

- **IREX (The E-learning Professional Training), IREX Curriculum Development and Delivery, Interpretation and Facilitation Team, 30/4/2020-20/6/2020.**
- **Second Scientific Conference of Computer Science / University of Technology sponsored by IEEE, 2019.**
- **Google Classroom, 2018.**
- **Virtual Library Workshop with EBSCO, 2018.**
- **Workshop (Examination Committee System), 2018.**
- **Workshop (Scientific Journals Management System), 2018.**
- **The style of correspondence in English, 2018.**
- **(The importance of volunteer work in the university), 31/12/2018.**
- **Symposium (negative effects of small addictions) / Chair of the symposium on 19/12/2018**
- **Scopus Classification Criteria for Scientific Journals, 2017**
- **Achieving the requirements for the acquisition of impact factor for scientific journals, 2017**
- **Getting Scopus for Scientific Journals, 2017.**
- **Internet of Everything IOE, 2017**
- **Google Scholar, 2017**
- **Research Gate, 2017**
- **Workshop (advocacy mechanisms) within the project to reduce discrimination and violence against women, 2017**
- **Psychological guidance for employees, 2016**
- **Accreditation of Lab (GLP, GCLP), 2016.**
- **Psychological counseling for workers in the guidance units, 2016.**
- **Accreditation of Lab (ISO/ISE, GLP),2016.**
- **Workshop on Iraqi rule of law and woman's justice initiative, 2015.**
- **Educational Qualification and Arabic Language, 2015.**
- **Electronic Symposium, Baghdad University, 2014.**
- **Workshop of how can participate in the International Students Day, USA education, Baghdad University, Iraq.**

Skills

- **E-Learning (Google Suits for Education).**
- **Language: Speak, write Arabic and English fluently, Translation.**
- **Computer skills: Python, Matlab, Photoshop, web design, C++, sql, CorelDraw,**
- **Photoshop, MS office, Adop Premeire.**
- **Trainer: E-learning in Higher Education**
- **Banking: SWIFT, ORION.**
- **Awareness about the various teaching techniques.**

References

- **Upon Requests**