

**Zinah Rajab Hussein**

**College of Law**

**Baghdad University**

**Personal Information**

Name : Zinah Rajab Hussein

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Languages: Arabic and English (read, write and speak fluently).

Nationality: Iraqi

**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
- Echocardiography
- Medical Image
- Electronic Verification
- Cyber Crimes
- Ocular images

### Employment Experience

- Lecturer in the collage of Law, Baghdad University, 2011-till now.
- Tutor in the department of computer science, University of Technology, 2014-2015.
- Head of computer department in the Collage of Law, Baghdad University, 2012-2013.
- 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

- Head of Psychological consultation and Educational Guidance.
- Responsible of electronic journal of legal science.
- Head of Computer and Media department.

### 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 12<sup>th</sup> Annual Scientific Meeting Kuala Lumpur, Malaysia "Improved and Qualitative Detection of the Left Ventricular Wall Motion Using Optical Flow".

## Workshops and Training Courses

- 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.
- Electronic Government course at Computer Center Consultative of Information System and Computer, Baghdad University, Grade Excellent, 2013.
- Oracle Database level1, Baghdad University, Grade Excellent, 2005.
- Different training courses on ORION, SWIFT and other banking courses, 2004-2006.

## Certifications

- Certificate of participation in "Psychological counseling for workers in the guidance units", 2016
- A number of letters of appreciation from various quarters, about 21 letters.
- Certificate of participating in workshop on Iraqi rule of law and woman's justice initiative, 2015.
- Certificate of participating in Educational Qualification and Arabic Language course, 2015.
- Certificate of participating in Electronic Symposium, Baghdad University, 2014.
- Certificate of Appreciation from Collage of Law for getting Grade Excellent in E-Government Training Course, 2013.
- Certificate of Appreciation from Baghdad University for implementing book guide of students, 2012.
- Certificate of Appreciation from Collage of Law for achievements as the head of computer department in the collage.

## Taught Training Courses for Employees

- Windows 8
- MS- Word
- MS-Excel
- MS-Power point
- Internet and Email
- Electronic Government

## Skills

- Language: Arabic and English
- Computer skills: Matlab, Photoshop, web design, C++, Matlab, sql, CorelDraw, Photoshop, MS office, Adop Premeire.
- Banking: SWIFT, ORION.
- Awareness about the various teaching techniques.

## References

- Upon requests