CURRICULUM VITAE

Zinah Rajab Hussein

Work History

♦ **2012–present | College of Law | University of Baghdad**

Lecturer for Computer Fundamentals

- **2018–present**

  Manager of Avicenna E-learning department.

- **2016–2020**

  Lecturer for English Foundation & Introduction
  to the study of Law

- **2016–2019**

  Supervisor of the Educational and Psychological Unit

- **2017-present**

  E-Manager of Journal of Legal Sciences Website

- **2012–2013**

  Manager of Computer unit

- **2012-preasent**

  Member in many permanent and temporary committees in the College

  - Accreditation Committee

  - National Classification Committee

  - Psychological And Educational Guidance Committee for Students

  - Competitive Examination Committees for Postgraduates

  - Exam Committees for Undergraduates

  - Scientific Conferences Committee

  - Archiving and Documentation Committee

♦ **2014–2015 | Faculty of Computer Sciences| University of Technology**

Lecturer for Discrete Structures, first stage.

♦ **2004–2006 | Foreign Investments | Iraqi Middle East Investment Bank**

- Employer | SWIFT

Personal Information

Name: Zinah Rajab Hussein

Occupation:
Lecturer
College of Law
University of Baghdad
AlWazyria, Aladhamia
Baghdad, Iraq.

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mrs.zeena@colaw.uobaghdad.edu.iq
Zinah.alalussi@gmail.com
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Education

♦ **MSc. of Computer Sciences | Computer Graphics.**
Faculty of Computer Sciences and Information Technology.
University Putra Malaysia, UPM.
2011, Malaysia.

Title of thesis: Pre-processing edge detection image enhancement and Spatial Object Velocity Estimation for Echocardiograph Diagnostic Test.

♦ **BS.c. of Computer Sciences | Programming Software**
Faculty of Commuter Sciences
University of Technology.
2004, Baghdad, Iraq.

Research Interest

♦ Computer Graphics and Applications
♦ Computer Assisted Medical Diagnosis
♦ 3D Face Recognition
♦ Human Computer Interaction (HCI)
♦ Artificial Intelligence and Psychology
♦ E-Learning Applications

English Language Proficiency

♦ English Proficiency, UPM, Malaysia.
♦ TOFFLE.

Academic Information

Google Scholar:
Zinah Rajab Hussein
https://scholar.google.com/citations?hl=ar&user=alsg_soAAAAJ

Research Gate:
Zinah Rajab
https://www.researchgate.net/profile/Zinah-Rajab

RG Score: 3.66

Publications

- Hussein, Z. R. (2022). Improvement of Noisy Images Filtered by Bilateral Process Using a Multiscale Context Aggregation Network. Eastern-European Journal of Enterprise Technologies, 2(9), 116.

- Hussein, Z. R., Mahameed, A. I., & Fadhil, J. A. (2021). Distinguishing of Different Tissue Types Using K-Means Clustering of Color Segmentation. Eastern-European Journal of Enterprise Technologies, 5(2), 113.

- R.M. Mohsin, R.I. Ahmed, Z.R. Hussein, "An Improved Diffie-Hellman Protocol Security Using Video Entropy", Journal of Southwest Jiaotong University, vol. 55, No. 6, 2020.

- 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.

Books

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

Academic Information

ORCID
0000-0003-3678-5084

Scopus Author ID
37063289900

CITATION: 29
H_index: 3
I10 index: 1

Proceeding

♦ Zinah Rajab Hussein, Rahmita Wirza Rahmat, Lili Nurliyana Abdullah, M. Iqbal Saripan, Mohd Zamrin Dimon, "Contours Extraction of Echocardiographic Images based on Pre-processing", Advanced Technology Congress 2009,(ATCi 2009),

♦ Zinah Rajab Hussein, Rahmita Wirza Rahmat, Lili Nurliyana Abdullah, M. Iqbal Saripan, Mohd Zamrin Dimon , "Improved and Qualitative Detection of the Left Ventricular Wall Motion Using Optical Flow", the 12th Annual Scientific Meeting Kuala Lumpur, Malaysia , 2010.

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.

Academic Information

- **DBLP/Computer Science Bibliography**
  https://dblp.org/pid/46/9114.html

- **SEMANTIC SCHOLAR**
  https://www.semanticscholar.org/author/Z.-R.-Hussein/1935383

  -

- **ARID**
  https://portal.arid.my/ar-LY/ApplicationUsers/GetProfile/0002-0173

Awards & Certificates

- More than 38 letters of appreciation from different organizations.
- IREX (The E-learning Professional Training), IREX Curriculum Development and Delivery, Interpretation and Facilitation Team, 30/4/2020-20/6/2020.
- 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.
- Second Scientific Conference of Computer Science / University of Technology sponsored by IEEE, 2019.
- Virtual Library Workshop with EBSCO, 2018.
- Workshop (Examination Committee System), 2018.
- Workshop (Scientific Journals Management System), 2018
- Awarded a medal (Initiative researcher)
  Workshop (advocacy mechanisms) within the project to reduce discrimination and violence against women, 2017
- in the platform Arid (the first electronic platform Arabic Researchers).
- 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
- Accreditation of Lab (GLP, GCLP), 2016.
- Certificate of participation in "Psychological counseling for workers in the guidance units", 2016
- Accreditation of Lab (ISO/ISE, GLP),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.
- 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.

References Upon Request