

CURRICULUM VITAE

FULL NAME: Esraa Zeki Mohammed

ACADEMIC TITLE: Assistant Professor

CONTACT INFORMATION:

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WEB SITES:

https://www.researchgate.net/profile/Esraa_Mohammed3/info
<https://scholar.google.com/citations?user=iaOIxSQAAAAJ&hl=en>
<https://www.scopus.com/authid/detail.uri?authorId=54783187400>
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<https://www.amazon.in/Books-Esraa-Zeki-Mohammed>

PERSONAL INFORMATION:

Date of Birth: 30/11/1979
Place of Birth: Kirkuk
Nationality: Iraqi
Gender: Female
Marital Status: Married

EDUCATION:

B.Sc. in Computer Science, University of Mosul, Mosul, Iraq, 2000.
M.Sc. in Computer Science, University of Sulaimani, Sulaimani, Iraq, 2009.
Ph.D. in Computer Science, University of Sulaimani, Sulaimani, Iraq, 2013.

EXPERIENCE:

- Lecturer in Kirkuk Institute (2001-2005)
- Lecturer in Technical Collage (2003-2004)
- Lecturer in Computer Science Department, University of Kirkuk (2008-2009)
- Lecturer in Computer Science Department, University Jaffer Alsaddiq (2011-2013)
- Member in League of Arab States, Arabic Domain Names, 2014- 2016
- Head of Advisory Office , MOC , SCIS, 2014- 2016

-Senior Programmer in Ministry of Communication, State Company of Internet Services, Kirkuk Internet Department (2002-2018)

ADDITIONAL CERTIFICATES:

- Cisco Network Academy “CCNA” From Collage of Engineering, University of Mosul, 2006.
- Student Advisors Certificate from Academy for Educational Development “AED”, U.S Embassy, Baghdad, 2009.
- Teaching Methods Certificate, from University of Kirkuk, 2013.

COMPUTER SKILLS:

Microsoft Office: Word, Excel, Power point, Visio, Access
Programming: C, Visual Basic.net, SQL, Visual Foxpro, VHDL
Database: Oracle 10g
Site creation: HTML, FrontPage, Photoshop

PUBLICATIONS:

- Esraa Zeki Mohammed and Haitham Kareem Ali, “Design Artificial Neural Network Using FPGA”, International Journal of Computer Science and Network Security, Vol. 10 No. 8, pp. 88 – 92, 2010.
<http://ijcsns.org>
- Esraa Zeki Mohammed and Loay Edward George, “Cancer Tissues Recognition System Using Box Counting method and Artificial Neural Network”, Proceedings of IEEE International Conference on Soft Computing and Pattern Recognition, ISBN. 978-1-4577-11947- ,pp.5-9,Dalian, China, 2011.
<http://ieeexplore.ieee.org>
- Esraa Zeki Mohammed and Loay Edward George, “Tissues Image Retrieval System Based on Co-occurrence, Run Length and Roughness Features”, ISBN: 978-1-4673-5213-0, 2013.
<http://ieeexplore.ieee.org>
- Esraa Zeki Mohammed and Haitham Kareem Ali, “Hardware Implementation of Artificial Neural Network Using Field Programmable Gate Array”, International Journal of Computer Theory and Engineering, vol. 5, no. 5, 2013.
<http://www.ijcte.org/list-51-1.html>
- Esraa Zeki Mohammed and Loay Edward George, “Novel Shape Description for CBIR in Medical Application”, Journal of Information and computing Science, vol. 8, no. 2, pp. 153-160, UK, 2013.
<http://www.jic.org.uk>

- Esraa Zeki Mohammed, "Proposed Classification System by Using Artificial Neural Network", Kirkuk University Journal /Scientific Studies (KUJSS), Vol. 10, Issue 3, p.p 59-78, 2015.
<http://www.iasj.net/iasj?func=fulltext&aId=104982>
- Esraa Zeki Mohammed, "Automated Identification of Sunspots Area Size Using Sobel Edge Detection and Image Histogram", American Journal of Science and Technology, Vol. 2, No. 6, p.p 329-334, 2015.
<http://article.aascit.org/file/pdf/9021000.pdf>
- Esraa Zeki Mohammed, "Content Based Image Retrieval for Space Weather Application", Journal of Computing and Information Science in Engineering, Vol.11, No.2, p.p 146-152 , 2016.
<http://www.worldacademicunion.com/journal/1746-7659JIC/jicvol11no2paper08.pdf>
- Noor Ghazi M Jameel , Esraa Zeki Mohammed , Loay Edwar George “An Online Content Based Email Attachments Retrieval System“,Kurdistan Journal of Applied Research – KJAR, Vol. 2, No. 1, 2017.
<http://www.kjar.spu.edu.iq/index.php/kjar/article/view/41>

CONFERENCES

- IEEE International Conference of Soft Computing and Pattern Recognition (SoCPaR), Dalian, China,14-16 Oct, 2011
- IEEE International Conference on Intelligent Network and Computing ICINC, IEEE catalog Number CFP1076K-PRT, ISBN 978-1-4244-8270-2, Kuala Lumpur, Malaysia, 2010.
<http://www.iacsit.org/proceeding/icinc10.toc.pdf>
- International Conference on Computer Medical Applications (ICCMA), Sousse, Tunisia 20-22 Jan 2013 .
- E- Government Evaluation workshop, Jordan, 24-26 September, 2013.
- E- signature workshop, Erbil, 4-12 December, 2014.
- ICT Research and Development Conference, Baghdad, Iraq, 11- 12 March, 2018.

BOOKS PUBLICATION

1- Book title “Benign/Malignant Tissues Classification: Methods, Concepts and System for Tissue Recognition”, ISBN: **978-3-659-32815-2**

Published by Lambert Academic Publishing, Germany, 2012

2-Book title ”Content Based Image Retrieval: Concepts and Methods for Efficient Retrieval for Medical Images”, ISBN **978-3-659-45287-1**

Published by Lambert Academic Publishing, Germany, 2013

<https://www.lap-publishing.com/>

REVISION OF INTERNATIONAL SCIENTIFIC JOURNALS:

- IEEE TRANSACTION OF NEURAL NETWORKS.
- IEEE TRANSCATION OF IMAGE PROCESSING.
- KIRKUK UNIVERSITY SCIENTIFIC JOURNAL.
- INTERNATIONAL JOURNAL OF COMPUTER ENGINEERING AND APPLICATIONS (IJCEA)
(ISSN-2321-3469).
- INTERNATIONAL JOURNAL OF ELECTRONIC ENGINEERING AND APPLICATIONS (IJEEA)
(ISSN-2321-3477).

FIELD OF INTEREST AND RESEARCH:

- Neural Networks
- Image Processing
- Database
- Pattern Recognition
- FPGA
- Data Mining
- Image Retrieval
- Networks
- Solar Activity Study

MEMBERSHIP IN INTERNATIONAL SCIENTIFIC ORGANIZATIONS:

- Member in IEEE (Institute of Electrical and Electronic Engineering).
- Member in Cisco Networking Academy.

LANGUAGE SKILLS:

Mother Language: Arabic
English – Very good
Turkish – Very good