

CURRICULUM VITAE



1.) PERSONAL DATA

Dr. Muna Faik Alsammarai
 E-Mail Address: **faik_muna@yahoo.com**
 Present Employment: **Al-zaytoonah university of jordan**

2.) ACADEMIC QUALIFICATIONS

(start with the latest Degree awarded and continue in reverse chronological order)

| Degree | Discipline | Institution | Country | Year |
|------------------|------------------|----------------------------|---------|------|
| Ph.D. | Computer Science | University of Technology | Iraq | 2002 |
| M.Sc. | Computer Science | University of Baghdad | Iraq | 1997 |
| B.Sc. | Computer Science | Mansour University College | Iraq | 1992 |
| Teaching methods | Computer Science | Baghdad university | Iraq | 1998 |
| Teaching methods | Computer Science | Applied Science University | Jordan | 2005 |

(* Title of Ph.D. Thesis: **(Wavelet Image Compression using Space-Frequency Segmentation)**)

(* Title of Master Dissertation: **Enhancement of colored Images)**)

3.) KNOWLEDGE OF LANGUAGES

| | 1 | 2 | 3 | | 1 | 2 | 3 | | 1 | 2 | 3 | |
|---------|----------|--------------------------|--------------------------|-------------------------------------|---------|--------------------------|--------------------------|-------------------------------------|---------|--------------------------|--------------------------|-------------------------------------|
| Arabic | Speaking | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Reading | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Writing | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| English | Speaking | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Reading | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Writing | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Others | Speaking | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Reading | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Writing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

1: Fair 2: Good 3: Fluent

4.) ACADEMIC EXPERIENCES

•Teaching Experience

(start with the most recent positions and continue in reverse chronological order)

| Rank / Title | Department/School /Faculty | Institution | Period From - To |
|--------------------|---|--|----------------------|
| Associ.Prof | Faculty of Economics and Administration Science MIS Department | Al-Zaytoonah University of jordan | 2012-now |
| Asst. Prof. | Faculty of Economics and Administration Science MIS Department | Al-Zaytoonah University of jordan | 2007-till now |
| Asst. Prof. | Computer Science Dept. | UKM/ Malaysia | 2007-2008 |

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|--------------------|--|-----------------------------------|--------------------|
| | faculty of CS & IT | | |
| Asst. Prof. | Computer Science Dept. faculty of CS & IT | Applied Science University | 2002 - 2006 |
| Lecturer | Computer Science Dept. | Mansour University College | 1997-1999 |
| Lecturer | Computer Science Dept. | Mansour University College | 1993-1995 |
| Lecturer | Computer Science Dept. | National computer center | 1999-2002 |

•**Courses Taught:**

| Computer Science Departments | Software Engineering Departments | Other Departments |
|-------------------------------------|---|-----------------------------|
| Advance C++ | Introduction to software engineering | Electronic digital media |
| Data Structure | Software engineering 1 | Object oriented program |
| Operating System | Software engineering 2 | Electronic Business |
| System Software | Special topic in software engineering (Petri net) | System Analysis and Design |
| Computer skill 1 and 2 | Software Maintenance and reuse | Advanced Visual Programming |
| Computer Graphics | | Electronic Commerce |
| Structure programming | | Electronic Business |
| C# | | Information Security |
| Visual Basic.net | | |
| ASP.net | | |
| Image Processing | | |
| HTML and XHTML | | |

•**Research / Projects Supervision**

(list thesis and project titles you have supervised at the graduate and undergraduate levels)

enhancement of colored images
Image quantization
Image compression

5.) **PROFESSIONAL EXPERIENCES**

| Institute / University / College | Job Description | Country | period |
|--|------------------------|----------------|---------------|
| Larsa Computer center | Researcher + Analyzer | Iraq / Baghdad | 1992 to 1998 |
| AL-Mansor university college / computer science department | Teaching | Iraq / Baghdad | 1992 to 2002 |
| Baghdad University / department of computer science | Teaching | Iraq / Baghdad | 1997 |
| National computer center/ collage of higher educations | Teaching | Iraq / Baghdad | 1999 to 2002 |
| Applied Science university | Teaching | Iordan/Amman | 2002 to 2006 |
| University Kebangsaan Malaysia | Teaching | Malaysia | 2006 to 2008 |
| Al-Zaytoonah University of Jordan | Teaching | Jordan | 2007-Till now |
| University of Creative Science | Teaching | UAE | 2012-till now |

6.) PUBLICATIONS

(Journals)

| | Researchers | Research title | Journal / Conference | Vol./issue or No. | Year | Country |
|-----|--|---|--|---|------|----------|
| 1. | Muna F. Hanoon Faisal G. Khamis | Adaptive image compression based wavelet using space-frequency segmentation | Research Journal of Applied Sciences | vol.3 (6) | 2008 | Pakistan |
| 2. | Muna F. Hanoon | Colored Image Compression Using Gradient Adjustment Prediction Based Wavelet | Journal of computer science | 7 (2): 304-313 Accepted 2010 | 2011 | USA |
| 3. | Muna F. Hanoon Nedhal Abdul Majied Al Saiyd Intisar A. Al Said | A MULTI-AGENT SYSTEMS ENGINEERING FOR SEMANTIC SEARCH OF REUSE SOFTWARE COMPONENTS | International Journal of Computer Science Issues. | Volume 11, Issue 6 | 2014 | |
| 4. | Muna F. Hanoon | Contrast Fingerprint Enhancement Based on Histogram Equalization Followed By Bit Reduction of Vector Quantization | IJCSNS (International Journal of Computer Science and Network Security | Vol. 11 No. 5 pp. 116-123 | 2011 | Korea |
| 5. | Muna F. Hanoon Nedhal Abdul Majied Al Saiyd | Medical colored Image Enhancement Using Wavelet Transform followed by Image Sharpening | Ubiquitous Computing and Communication Journal UBICC | Volume 6 , No. 3, June 2011 | 2011 | USA |
| 6. | Muna F. Hanoon | A New Enhancement Approach for Enhancing Image of Digital Cameras by Changing the Contrast | International Journal of Advanced Science and Technology IJSIP | Volume 4, No. 2, June 2011 | 2011 | Korea |
| 7. | Nedhal Abdul Majied Al Saiyd Adel Hamdan Mohammad Intisar A. Al Said Muna F. Al- Samarai | Distributed Knowledge Acquisition System for Software Design Problems | European Journal of Scientific Research | Volume 61 No.2 septemper 2011 | 2011 | |
| 8. | Muna F. Hanoon Nedhal Abdul Majied Al Saiyd | Colored Satellites Image Enhancement Using Wavelet and Threshold Decomposition | IJCSI International Journal of Computer Science Issues | September 2011 Issue (Volume 8, Issue 5 | 2011 | France |
| 9. | Muna F. Hanoon | Medical image Compression using Multiwavelets Transformation | Computer and Information Sciences | submitted | 2011 | canada |
| 10. | Nedhal Abdul Majied Al Saiyd Muna F. Hanoon | Semantic ontology & multi agents | | Under process | | |
| 11. | Faisal G. Khamis Muna F. Hanoon | Modeling the Relationship Between Babies' Mortality and Prosperity Using Fully Latent Models | Journal of Modern Mathematics and Statistics | Vol. | 2010 | Pakistan |
| 12. | Faisal G. Khamis Muna F. Hanoon Saad G. Yaseen | On Studying the Relationship Between Education and Mortality Using Fully and Partially Latent Models | Advances and Applications in Statistics | Vol.14, No.2 | 2010 | India |
| 13. | Faisal G. Khamis | On studying the linkage | Journal of Social | vol.6 (1) | 2010 | USA |

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|-----|---|---|--|------------|------|--------|
| | Muna F. Hanoon | between children mortality, prosperity and education using fully latent models | Sciences | | | |
| 14. | Faisal G. Khamis Muna F. Hanoon Abdelhafid Belarbi | The Relationship Between Education and Occupation Using Fully and Partially Latent Models | International Journal of Intelligent Technologies and Applied Statistics | Vol.3,no.3 | 2010 | Taiwan |
| 15. | Faisal G. Khamis Muna F. Hanoon | The Linkages Between Mortality, Education and Prosperity Using Partially Latent Model | Journal geosciences | accepted | 2011 | uk |
| 16. | Faisal G. Khamis Abdul Aziz Jemain Kamarulzaman Ibrahim Muna F. Hanoon | On a comparison between two measures of spatial association | Journal of Modern Applied Statistical Methods | Vol.9(1) | 2010 | USA |
| 17. | | | | | | |

•Conferences

| Researchers | Research title | Conference name | Year | Country |
|---|--|--|------|-----------------------|
| Faisal G. Khamis Abdul Aziz Jemain Kamarulzaman Ibrahim Muna F.Hanoon | Modeling the Relationship Between Babies' Mortality and Prosperity Using Fully Latent Models | 8 th . International Science Conference "Change Management & Knowledge Society" in AL-Zaytoonah University of Jordan | 2008 | Jordan |
| Faisal G. Khamis Muna F. Hanoon Abdelhafid Belarbi | The Relationship Between Education and Occupation Using Fully and Partially Latent Models | 10 th . Islamic Countries Conference on Statistical Sciences (ICCS-X) in the American University in Cairo, vol.2: 805-816 | 2009 | e g y p t |
| Faisal G. Khamis Muna F. Hanoon Saad G. Yaseen | On Studying the Relationship Between Education and Mortality Using Fully and Partially Latent Models | 9 th . International Science Conference "Environmental Economics & Globalization" in AL-Zaytoonah University of Jordan | 2009 | Jordan |
| Faisal G. Khamis Muna F. Hanoon | On studying the linkage between children mortality, prosperity and education using fully latent models | The Second Arab Statistical Conference in Surt. pp:731-741 | 2009 | Libya |
| Faisal G. Khamis Muna F. Hanoon | Investigating the spatial pattern of mortality in Jordan-2008 | 10 th . International Science Conference "Entrepreneurship Within Knowledge Society" in AL-Zaytoonah University of Jordan | 2010 | Jordan |
| Muna F. Hanoon Faisal G. Khamis | Contrast Fingerprint Enhancement Based on Histogram Equalization Followed by Bit Reduction of Vector Quantization. | 11 th . International Science Conference "Business Intelligence and Knowledge Economy" in AL-Zaytoonah University of Jordan | 2011 | Jordan |
| Faisal G. Khamis Muna F. Hanoon | Spatial Dimensions of unemployment Rate in Jordan-2008 | The Third Arab Statistical Conference in Amman | 2011 | Jordan |
| Faisal G. Khamis Muna F. Hanoon | The Relationship Between Spatial Patterns of Illnesses and Unemployment in Iraq-2007 | European Regional Conference of The International Environmetrics Society | 2011 | Italy |
| Faisal G. Khamis Muna F. Hanoon | Spatial Pattern of unemployment Rate in Iraq-2007 | 11 th . Islamic Countries Conference on Statistical Sciences (ICCS-IX) in Amman | 2011 | Jordan |
| Muna F. Hanoon | Fingerprint Enhancement Based on Histogram Equalization, Contrast Adjustment and Bit Reduction of | International Conference on Computer Vision, Image and Signal Processing | 2012 | Australia |

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|----------------|--|---|------|--------|
| | Vector Quantization | | | |
| Muna F. Hanoon | Implementation of national broadband network in vinous center in Jordan | 11 th . International Conference in AL-Zaytoonah University of Jordan | 2013 | Jordan |
| Muna F. Hanoon | New Measure of Multi Spectral Medical Images Enhancement | 11 th . International Conference in AL-Zaytoonah University of Jordan | 2013 | Jordan |
| Muna F. Hanoon | Multi spectral medical image enhancement using weber law | 2nd International Conference on Modern Trends in Science Engineering and Technology 2014 (ICMTSET 2014 | 2014 | dubai |
| Muna F. Hanoon | Contrast Enhancement of Roads Images with Foggy Scenes Based on Histogram Equalization | 10th International Conference on Computer Science & Education (ICCSE2015) | 2015 | UK |
| Muna F. Hanoon | Enhancement of Mobile Application Images Using Wavelet Transformation | ISER – 24th International Conference on Science, Technology, Engineering and Management (ICSTEM) | 2015 | UK |

7.) **RESEARCH INTERESTS**
Image processing
Computer graphics

8.) **ADMINISTRATIVE AND PROFESSIONAL ACTIVITIES**

(such as participation in various committees, councils, legislative bodies, committees of experts etc., organizations of conferences, participation in editorial boards, conferences, seminars, workshops, training, lectures, social services, professional affiliations, etc.)

1. I was a member in the committee of examination / Almansour university/ Iraq / 1998-2001.
2. I was a member in the committees of ISO / Applied science university/ Jordan / 2005-2006
3. I was a member in the organizations of conferences / Al-Zaytoonah University/2009-2010
4. I was a member in the committees of ISO / Al-Zaytoonah University / Jordan / 20011-2013