

## Curriculum Vitae

### lect. Dr. Faiq Sabbar Baji

Mustansiriyah University – College of Engineering- Computer Department  
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#### PERSONAL SUMMARY:

- Lect. Dr. in Computer Engineering department/ College of Engineering/ Mustansiriyah University.
- Research interests include Medical Image Analysis, computer vision, image processing, CBIR, Medical Images Diagnosis and Retrieval and pattern recognition.

#### EDUCATION:

- Ph.D. (2018) Computer Science / Image Processing/ University of Craiova / Romania
- M.Sc.(2003 ) Computer Science /Computer Science / Iraq commission for computer & informatics / Iraq
- High Dip(1999) Computer Science /Computer Data Security/Iraq commission for computer & informatics/ Iraq
- B.Sc. (1997) Computer Science / AL-mamon college / Iraq

#### ACADEMIC HONORS AND AWARDS:

#### ACADEMIC /TEACHING EXPERIENCE:

- Instructor in al-Rafidain university college/Iraq 2003-2004.
- Instructor in I.T college / Imam Ja'afar Al-sadiq university/Iraq 2003-2005
- Experience in the design and programming of systems such as committee of examination system, Delphi, prolog, Math\_lap and C/C++.

#### COURSES TAUGHT:

Undergraduate	Graduate
Multi media -4 <sup>th</sup> stage Cipher -3 <sup>rd</sup> stage Software Techniques-2 <sup>nd</sup> stage Data Structure -1 <sup>st</sup> stage Mathematics -1 <sup>st</sup> stage	

الأستاذ الدكتور  
عيسى جبار كاظم 1  
معاون العميد  
الشؤون العلمية والحسابات العليا

أ. د. ولاء محمد حسن خلفا  
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٢٠٢١ / ١٩ / ١٠

## PROFESSIONAL AFFILIATIONS:

- IEEE student member 2015-2019

## PUBLICATIONS:

### Local Journals:

1. H. T. Haider, F. Baji, Ahmad Saeed Mohammad, "Text Hiding Using Artificial Neural Networks", *Engineering and Technology Journal, University of Technology*, vol. 30(20), pp. 3553-3564, 2012.

### International Journals:

- 1- F. Baji and M. Mocanu, "Diagnosis Melanoma Skin Cancer Using ABCD Rule, Statistic Texture Feature and Lesion Symptoms," *ANNALS of the University of Craiova*, vol. 13, no. 40, pp. 20-27, 2016.
- 2- P. D. Liliانا , F. Baji and P. R. Teodoru, "Overview of Deep Learning in Medical Imaging," *ANNALS OF THE UNIVERSITY OF CRAIOVA Series: Automation, Computers, Electronics and Mechatronics*, vol. 14, no. 1, pp. 8-18, 2017.
- 3- F. Baji and M. Mocanu, "Chain Code Approach for Shape based Image Retrieval," *Indian Journal of Science and Technology*, vol. 11, no. 3, pp. 1-17, Jan. 2018
- 4- DOI: 10.17485/ijst/2018/v11i3/119998.
- 5- F. Baji, M. Mocanu and D. Popa, "Brain Tumor Detection Based on Asymmetry and K-Means Clustering MRI Image Segmentation," *Journal of Engineering Science and Technology*, Vol. 13, No. 12 (2018) 4145 - 4159, Malaysia.

### International Conference Proceeding:

1. Adeb Hamdoon, and Faiq Sabar Baji "Fractal Based Fragile Watermark", *proce. IEEE, 2009 Second International Conference on Computer and Electrical Engineering*, Dubai, United Arab Emirates, vol. 2, pp. 139-143, Dec. 2009
2. F. Baji and M. Mocanu , "Connected components objects feature for CBIR," in *2017 18th International Carpathian Control Conference (ICCC)*, Sinaia, Romania, 28-31 May 2017 DOI: 10.1109/CarpathianCC.2017.7970460.
3. F. Baji, M. Mocanu and D. Popa, "Detection the Mid-Sagittal Plane in Brain Slice MR Images by Using Local Ternary Pattern," in *2018 International Conference on Development and Application Systems (DAS) 14th Edition*, Suceava - Romania, May 24-26, 2018, DOI: 10.1109/DAAS.2018.8396086.
4. F. Baji and M. Mocanu, "Uniform Extended Local Ternary Pattern for Content Based Image Retrieval," in *22nd International Conference on System Theory, Control and Computing, ICSTCC 2018*, Sinaia, Romania, October 10-12, 2018.

## PROFESSIONAL DEVELOPMENT

- Workshop on "Distinguishing patterns in computer vision", Computer engineering dept., Mustansiriyah University, 2020.
- Workshop on "The effect of image segmentation methods on the results of medical image processing" Computer engineering dept., Mustansiriyah University, 2021.

الأستاذ الدكتور  
علي حبار كاظم  
معاون العميد

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