

Curriculum Vitae

Fatimah Shamsulddin Abdulsattar

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PERSONAL SUMMARY:

- Lecturer at Computer Engineering/Faculty of Engineering/Mustansiriyah University since 2005.
- I finished Ph.D. in Computer Engineering from the University of Southampton/UK since 2016.
- My first employment in higher education ministry on 3/8/2003.
- My research interests are computer vision, image processing, biometrics, pattern recognition, machine learning, cryptography, watermarking.
- Professional on using Raspberry Pi computers and programming using Python, Matlab, C++, Visual Basic and OpenCV.

EDUCATION:

- Ph.D. in computer engineering from the University of Southampton, UK, 2016.
- M.Sc. in computer and software engineering from the University of Mustansiriyah, Iraq, 2005.
- B.Sc. in computer and software engineering from the University of Mustansiriyah, Iraq, 2002.

ACADEMIC HONORS AND AWARDS:

- Award for the second higher ranking students in the Engineering College from the president of Mustansiriyah University, Iraq, 2002.
- Award for the third higher ranking students in the Computer Engineering specialization from the president of Iraq, 2002.
- Award for the best paper presented in the annual conference of the Vision, Learning and Control Group, University of Southampton, UK, 2016.
- (6) Acknowledgment book from the Dean of Engineering Faculty.
- Acknowledgment book from the President of Mustansiriyah University.
- Acknowledgment book from the Minister of Higher Education in Iraq.

ACADEMIC /TEACHING EXPERIENCE:

- Teaching a number of undergraduate (theoretical and practical) courses at Computer Engineering Dept. / Mustansiriyah University / Iraq since 2003.
- Supervising a number of undergraduate 4th year projects since 2006.

COURSES TAUGHT:

Undergraduate	Graduate
1. Numerical analysis	
2. Artificial systems	
3. Software engineering	
4. Data security	
5. Artificial intelligent lab.	
6. Numerical analysis lab.	
7. Computer control lab.	
8. Artificial intelligent lab.	
9. Cryptography lab.	

PROFESSIONAL AFFILIATIONS:

- Member of the academic staff of the computer engineering department/Mustansiriyah University.
- Member of the examination committee in the computer engineering depart. between 2008-2009 and 2020.
- Head of the inventory and follow-up committee in the Computer engineering Dept., Mustansiriyah University.

PUBLICATIONS:

- Munther N. Baker, Ali A. Al-Zuky, and Fatimah S. Abdulsattar, "Colour Image Noise Reduction Using Fuzzy Filter", Engineering and development Journal, Vol.12, No.2, June 2008.
- Fatimah S. Abdulsattar, "On the Security of Bitmap Images using Scrambling based Encryption Method", Engineering and Development Journal, Vol.13, No.9, September 2009.
- Khamis A. Zidan, Fatimah S. Abdulsattar, Media Abdul Razak Ali, and Ekhlash H. Karam, "An Efficient Technique for Information Recovery of Erroneous Image Blocks Transmitting Over Error Prone Networks", Eng. & Tech. Journal, Vol.28, No.13, 2010.
- Fatimah S. Abdulsattar, "Robust Digital Watermarking Technique for Satellite Images", published in Engineering & Development Journal/Mustansiriyah University, Vol.16.No.2, 2012.
- Dhafer R. Zagher, Fatimah S. Abdulsattar, and Khamis A. Ziden, "High Speed Tracking System Using Single Chip FPGA" College of Engineering Journal, Al-Nahrain University, Vol.16, No.1, 2013.
- Fatimah S. Abdulsattar and John Carter "Performance Analysis of gait recognition with large perspective distortion" published in the IEEE International Conference on Identity, Security and Behavior Analysis, Japan, 2016.
- Fatimah S. Abdulsattar and John Carter "A practical technique for gait recognition on curved and straight trajectories", published in the 9th IAPR International Conference on Biometrics, Sweden, 2016.
- Fatimah S. Abdulsattar "The effect of using projective cameras on view-independent gait recognition performance" published in Iraqi Journal of Electrical and Electronics Engineering, Basra University, Vol.14, No.1, 2018.

PROFESSIONAL DEVELOPMENT

- A certificate for participation in the Doctoral Consortium that is held in the 9th IAPR international conference on Biometrics, Sweden, 2016.
- Participate in two International conferences (IEEE International Conference on Identity, Security and Behavior Analysis, 9th IAPR International Conference on Biometrics) and attend a number of local conferences in Iraq.
- A certificate of the IC3 test.
- A certificate of IELTS test for English language.
- A certificate of Publons Academy peer review graduation.

أ.م.د. فاطمة عبد الستار
رئيس قسم هندسة الحاسوب
11/9/2020

Fatimah

د. فاطمة عبد الستار