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السيرة الذاتية

رفاء أسماعيل يحيى

المعلومات الشخصية

الاسم كما في الجواز : رفاء أسماعيل يحيى
الجنسية: عراقية
تاريخ الولادة: ٦ كانون الثاني ١٩٧٩
محل الولادة: بغداد- العراق
عنوان المسكن :العراق ـ بغداد

التحصيل الدراسي

[2013-2017] الجامعه التكنلوجيا الماليزية /جوهور ـ ماليزيا
دكتوراه في علوم الحاسوب
عنوان الاطروحة
"Tissue-like P system for Region-based and Edge-based image segmentations"

[2003-2007] الجامعة المستنصرية / العراق ـ بغداد
ماجستير قي علوم الحاسوب
عنوان الرسالة "نسريع خوارزمية في ضغط الصور بالكسوريات مع التحسين"

[1997-2001] كلية الرافدين الجامعة / العراق-بغداد
بكلوريوس في علوم الحاسوب
عنوان المشروع " تصميم حقيبة تعليمية للمعالجات الدقيقة "

الخبرة

[حتى الان -2002] مدرس مساعد في قسم علوم الحاسوب-كلية العلوم ـالجامعة المستنصرية

الاختصاص

Bioinformatics , Membrane Computing , Image Processing (Fractal Image Compression –Image Segmentation)

البحوث

1. Rafaa Ismael Yahya, Al-Khafaji, G.Lossy Image Compression Using Wavelet Transform, Polynomial Prediction And Block Truncation Coding, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 19, Issue 4, Ver. I (Jul - Aug 2017), PP 34-38

2. Yahya, Rafaa I., Siti Mariyam Shamsuddin, Salah I. Yahya, Shafatnnur Hasan, Bisan Al-Salibi, and Ghada Al-Khafaji. "Image Segmentation Using Membrane Computing: A Literature Survey." In *Bio-Inspired Computing-Theories and Applications*, pp. 314-335. Springer, Singapore, 2016. DOI: http://dx.doi.org/10.1007/978-981-10-3611-8_26

3. Yahya, Rafaa I., Siti Mariyam Shamsuddin, Shafaatunnur Hasan, and Salah I. Yahya. "Tissue-like P system for Segmentation of 2D Hexagonal Images." ARO-The Scientific Journal of Koya University 4, no. 1 (2016): 35-42. DOI: http://dx.doi.org/10.14500/aro.10135

4. Yahya, Rafaa Ismael, Shafaatunnur Hasan, Loay Edwar George, and Bisan Alsalibi. "Membrane computing for 2D image segmentation." Int. J. Advance Soft Compu. Appl 7, no. 1 (2015): 35-50.

5. "Computation of the Temperature-Rise in the Human Head Due to Different Mobile Phone Models," Journal of science, Collage of Science, Al- Mustansiriyah University, Baghdad –Iraq 2012.

المؤتمرات

1- "Image Segmentation Using Membrane Computing: A Literature Survey".Conference Paper · October 2016, DOI:10.1007/978-981-10-3611-8 Conference: Bio-Inspired Computing-Theories and Applications, Volume: Part I

العضوية

١-عضوة في الجمعية العراقية لتكنلوجيا المعلومات

٢- باحث مشارك وعضو في مركز (UTM Big Data Center) الماليزية

الانشطة

1. Course Training (**Video Conversation**) organized by Al-Mustansirya University 2012.

2. **Intensive English Course (IEC)** held at university Teknology Malaysia (*UTM Space*) 2013.

3. Course in "**Introduction To Membrane Computing With Application In Image Analysis**" organized by School of computer science (USM) Penang Malaysia 2014.

4. Workshop on "**GPU Computing using CUDA Programming For Machine Learning Algorithms**" organized by UTM Big Data Center University Teknology Malaysia (UTM) 2014.

5. Workshop on "**Thesis Writing And Organization**" organized by faculty of computing University Teknology Malaysia 2014.

6. "**Publication Strategy Workshop**" organized by faculty of computing Universiti Teknology Malaysia 2014. UTM

7. Workshop in "**Online Database and Endnotes** " organized by faculty of computing Universiti Teknology Malaysia 2014.

8. "**Best presenter Award, 11th post graduate annual research seminar (pars**)" organized by faculty of computing University Teknology UTM 2015.

9. Participated in"**Three Mint Thesis Competition (3MT)"** organized by faculty of computing University Teknology Malaysia 2016.

10. "**Course On Data Science for biginners**" organized by UTM Big Data Center University Teknology Malaysia (UTM) 2016.

11. Participant for "**2nd International Workshop On Big Data Analytics**" organized by UTM Big Data Center University Teknology Malaysia (UTM) 2016.