

## Curriculum Vitae



### Samar Amil Yousif Qassir

Mustansiriyah University – College of Science –  
Department of Computer Science

#### PERSONAL SUMMARY:

الاسم الكامل: د. سمر أميل يوسف  
اللقب لعلمي: مدرس  
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عنوان العمل: الجامعة المستنصرية / كلية العلوم / قسم علوم الحاسوب  
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#### EDUCATION:

B.Sc. in Computer Science dated August 19, 2003, from the College of Science/Mustansiriyah University, Baghdad, Iraq.

M.Sc. in Computer Science dated August 26, 2015, from the College of Science/Mustansiriyah University, Baghdad, Iraq.

Ph.D.in Computer Science dated March 4, 2024, from the College of Science/Mustansiriyah University, Baghdad, Iraq.

#### الجوائز والتكريم الاكاديمي

40 كتاب شكر وتقدير من (وزير التعليم العالي، رئيس الجامعة، وعميد كلية العلوم)

#### المقررات الدراسية التي تم تدريسها

- 1) معمارية الحاسوب – مرحلة ثانية
- 2) مترجمات - مرحلة ثالثة
- 3) استرجاع المعلومات – مرحلة رابعة

#### المشاركات العلمية

- مشاركة في خمس مؤتمرات علمية
- مشاركة في اعطاء دورات تعليمية عدد 3 (word, power point, IC3)
- h-index=3

Publication papers:

1. “Face Clip Detection System Using HSV Color Mode”, International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 2349-2163, Volume 1 Issue 11.
2. “Hybrid Features Extraction based on Master Eye Block for Face Recognition”, International Journal of Scientific & Engineering Research, Volume 5, Issue 12, December-2014 ISSN 2229-5518.
3. “REGION OF INTEREST SEGMENTATION ALGORITHM FOR PALMPRINT”, International Journal of Scientific & Engineering Research, Volume 7, Issue 3, March-2016.
4. “A Review of Plant Species Identification Techniques”, International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, Index Copernicus Value (2016): 79.57 | Impact Factor (2017): 7.296
5. “Chaos-based Image Encoding Using Elementary Cellular Automata”, Annual Conference on New Trends in Information & Communications Technology Applications-(NTICT'2017),7 - 9 March 2017.
6. “Creates a New GIS Tool for Classifying Brain Tumor”, International Journal Of Scientific & Engineering Research, Volume 7, Issue 7, July-2016 1147 ISSN 2229-5518.
7. “Detection of Human Earprint Based on Ant Colony Algorithm” , International Journal of Scientific & Engineering Research Volume 8, Issue 11, November-2017 786,ISSN 2229-5518.
8. “Image Enciphering Based on DNA Exclusive-OR Operation Union with Chaotic Maps”, 2016 Al-Sadeq International Conference on Multidisciplinary in IT and Communication Science and Applications (AICMITCSA),– IRAQ (9-10) May.
9. “New Facial Imprint Detection Algorithm Based on Ycbr Model and Ant Colony”, المؤتمر العلمي نيسان 2017, التخصصي الثالث والعشرين لكلية التربية/ الجامعة المستنصرية
10. Designing a Graphical Domain-Specific Modeling Language for Efficient Block Cipher Configuration: BCLang
11. SCLang: Graphical Domain-Specific Modeling Language for Stream Cipher
12. Human Earprint Detection Based on Ant Colony Algorithm
13. PFDINN: Comparison between three back-propagation algorithms for pear fruit disease identification
14. PDCNN: FRAMEWORK for potato diseases classification based on feed forward neural network
15. Maize Leaf Images Segmentation Using Color Threshold and K-means Clustering Methods to Identify the Percentage of the Affected Areas
16. Qassir, S. A., Gaata, M. T., & Sadiq, A. T. (2022). Modern and Lightweight Component-based Symmetric Cipher Algorithms. *ARO-The Scientific Journal of Koya University*, 10(2), 152-168.