

Curriculum Vitae

Assists. Prof. Dr. Sundos Abdul-ameer hameed Alazawi

Mustansiriyah University – College of Science

Mobile: +9647705840457

Email: ss.aa.cs@uomustansiriyah.edu.iq

PERSONAL SUMMARY:

The theoretical studies and analysis of; digital signal processing, and multimedia systems, Operating systems, Computer Architecture, Assembly language in College of Science / Computer science Depart Since 2005 till Now.

EDUCATION:

- PH.D. #1: Iraq Commission for Computer & Informatics / Informatics Institute for Postgraduate Studies, 2021. In Operating System topic with title “Dependability assessment of Network Operating System based on fault injection”
- M.Sc. #2: Iraq Commission for Computer & Informatics / Informatics Institute for Postgraduate Studies, 2005. In Image processing topic with title “Image segmentation using HIS color space with pixel block properties”
- B.Sc. #3: Software Engineering, Baghdad, Iraq, 2002.

ACADEMIC HONORS AND AWARDS:

- #1:
- #2:

ACADEMIC /TEACHING EXPERIENCE:

- #1: Lecturer in College of Science / Computer science Depart Since 2005 Until now
- #2: lecturing Theoretical and Practical for some topics for (class 1, class2 , class3, and class4)

COURSES TAUGHT:

Undergraduate	Postgraduate
1. Operating System / Theoretical	1. Operating System / MSc.
2. Parallel Computer Architecture / Theoretical and Practical	2. Research Methodology MSc.
3. Web Design / Theoretical and Practical	
4. Image Processing / Theoretical and Practical	
5. Micro processing Architecture/Theoretical and Practical	
6. Computer organization/ Theoretical and Practical	
7. Computer skills / Theoretical and Practical	

PROFESSIONAL AFFILIATIONS:

- Member of the computer department 2005-2023
- Graduate Studies Committee
- Department council
- Postgraduate examination committees

- Chairman, Diversity Committee
- Committee member / Examination Committee of Department / Al-Mustansiriyah University- Collage of Science-CS Dept , 2006,2008, 2012, 2014, 2021, 2023.
- Committee member / Follow-up Curriculum Planning Committee / Al-Mustansiriyah University - Collage of Science-CS Dept , 2014-2015.
- Committee member / Educational Guidance Committee / Al-Mustansiriyah University - Collage of Science-CS Dept , 2011, 2015, 2017.
- Committee member / Educational Guidance Unit / Al-Mustansiriyah University - Collage of Science, 2017
- Committee member / Social Committee / Al-Mustansiriyah University - Collage of Science-CS Dept , 2013 – 2015
- Committee member / Evaluation of scientific journals/ Al-Mustansiriyah University - Collage of Science-CS Dept , 2017
- Committee President / Library Inventory/ Al-Mustansiriyah University - Collage of Science-CS Dept , 2017

PUBLICATIONS:

- Papers.
1. Yasmin Makki Mohialden, Nadia Mahmood Hussien, Sundos Abdulameer Alazawi, Itidal Saad Mohammed , “ **A high-quality designed lifestyle website**”, *Telematique Journal*, pp 2737-2745 (Vol 21, No 1 (2022)).
 2. *Sundos Abdulameer Alazawi, Nadia Mahmood Hussien, Yasmin Makki Mohialden, Mostafa Abdulghafoor Mohammed,*”**A proposed software for controlling operating system-dependent functionality**”, <https://doi.org/10.11591/eei.v12i1.4536>, *Bulletin of Electrical Engineering and Informatics*, Vol12 No1 (2022).
 3. Abdullah, Reem M., and Sundos A. Hameed Alazawi. "**Smart Card Security Model Based on Sensitive Information.**" *International Conference On Innovative Computing And Communication*. Singapore: Springer Nature Singapore, 2023.
 4. Ammar Hameed Al-Gharrawi and Sundos A. Hameed Alazawi ,”**The Android Security Model Considering Malware Detection**” Conference of Almustafa University Collage(2023).
 5. Huda Abdulaali Abdulbaqi, Sundoa A. Hameed, Rafaa Ismael Yahya, and Rasha Shaker Ibrahim , “**A Framework Model for Detection and Classification of Disc State and Canal Stenosis based on Bioinformatics**”, Conference of Almustafa University Collage(2023).
 6. *Esraa J. Baker, Sundos A. Alazawi, Nada T. Ahmed, Mohd A. Ismail, Rohayanti H., Shahliza A. Halim, Tole S.,* ” **User identification system for inked fingerprint pattern based on central moments**”, *Indonesian Journal of Electrical Engineering and Computer Science* Vol. 24, No. 2, pp. 1149~1160, November (2021).
 7. Esraa J. Baker, Adil A. Majeed, Sundos A. Alazawi, Shahreen K., Rohayanti H., Noor H. Zakaria, Tole S., “**Video steganography using 3D distance calculator based on YCbCr color components**”, *Indonesian Journal of Electrical Engineering and Computer Science* Vol. 24, No. 2, pp. 831~842, November (2021).
 8. Alazawi, Sundos Abdulameer Hameed, and Mohammed Najm Abdullah. "**Online Failure Prediction Model for Open-Source Software System Based on CNN.**" *The International Conference on Intelligent Systems & Networks*. Springer, Singapore, 2021.
 9. Abdulbaqi, Azmi Shawkat, Ahmed J. Obaid, and Sundos Abdulameer Hmeed Alazawi. "**A Smart System for Health Caregiver Based on IoMT: Toward Tele-Health Caregiving.**" *International Journal of Online & Biomedical Engineering* 17.7 (2021).
 10. Alazawi, Sundos Abdulameer, and Mohammed Najim Al Salam. "**Evaluation of LMT and DNN Algorithms in Software Defect Prediction for Open-Source Software.**" *Research in Intelligent and Computing in Engineering*. Springer, Singapore, 2021. 189-203.

11. Alazawi, Sundos Abdulameer, and Mohammed Najm Al-Salam. "FIBR-OSS: fault injection model for bug reports in open-source software." *Indonesian Journal of Electrical Engineering and Computer Science* 20.1 (2020): 465-474.
12. Alazawi, Sundos Abdulameer, and Mohammed Najim Al-Salam. "Review of dependability assessment of computing system with software fault-injection tools." *Journal of Southwest Jiaotong University* 54.4 (2019).
13. Mohialden, Yasmin Makki, Sundos Abdulameer Alazawi, and Adel Muhsin Elewe. "An improved life cycle for building secure software." *IOP Conference Series: Materials Science and Engineering*. Vol. 871. No. 1. IOP Publishing, 2020.
14. Alazawi, Sundos Abdulameer, Rawsam Abduladheem Hasan, and Abbas Abdulazeez Abdulhameed. "Hand Recognition System Based on Invariant Moments Features." *Research in Intelligent and Computing in Engineering*. Springer, Singapore, 2021. 429-440.
15. Alazawi, Sundos Abdulameer, Narjis Mezaal Shati, and Amel H. Abbas. "Texture features extraction based on GLCM for face retrieval system." *Periodicals of Engineering and Natural Sciences (PEN)* 7.3 (2019): 1459-1467.
16. Alazawi, Sundos Abdulameer, Huda Abdulaaliabdulbaqi, and Yasmin Makki Mohialden. "New Authentication Model for Multimodal Biometrics Based on Shape Features Vectors." *Journal of Southwest Jiaotong University* 54.6 (2019).
17. Shati, Narjis Mezaal, Sundos Abdulameer Alazawi, and Huda Abdulaali Abdulbaqi. "Background Subtraction (BS) Using Instant Pixel Histogram." *Journal of Southwest Jiaotong University* 54.5 (2019).
18. Esraa Jafeer, and Sundos Abdul_ameer, "Embedding digital watermarking Using Wavelet Transform", *Education Collage Journal, Mustansiryah University, Vol. 16, 2006.*
19. Jane Stephan and Sundos A. Hameed, "Image Segmentation Using HIS Color Applied on Facial Features Extraction". *Proceedings of the DCCA2007 1st International Conference on Digital Communications and Computer Applications, Jordan University of Science & Technology Faculty of Computer & Information Technology., Jordan, 2007.*
20. Sundos Abdul_ameer, and Rawsam Abdul_atheem, "A Comparison between RHIS Method and Edge Detection by Applied the Face Detection Application in Color Image", *Information & Technology Journal, Vol. 23, 2007.*
21. Sundos Abdul_ameer, "Object selection Based on Genetic Algorithm and His color Space", , *Journal of science, Collage of Science Mustansiryah University, , Journal of science, Collage of Science Mustansiryah University, Vol. 19, No. 6,p.p. 127-135, 2008*
22. Sundos Abdul_ameer, Abbas Abdul_azeez. "Information Hiding in Color Image Using Steganographic Technique", *Basic Education Journal, Al-Mustansiryah University, Vol. 1105, 20011.*
23. Sundos Abdul_ameer, "Eyes Recognition System using Central Moment Features", *Eng. And Technology Journal, University of Technology, Vol. 883, 2011.*
24. Sundos Abdul_ameer, and Esraa Jafferr, "Topographic Images Classification Considering Color Information", *Journal of science, Collage of Science Mustansiryah University, 2011.*
25. sundos A. Hameed Al-azawi, Jamila H.Al-A'meri, " Face Feature Recognition System Considering Central Moments", *International Journal Of Computational Engineering Research (ijeeronline-com) Vol. 5 Issue. 1, 2013.*
26. Esraa Jaffer and sundos A. Hameed Al-azawi, " Embed Watermarking in High of Image Coarseness ", *International Journal Of Computational Engineering Research (ijeeronline-com) Vol. 4, No. 6, 2014.*
27. sundos A. Hameed Al-azawi , "Facial Features Extraction by Relative Geometrical Position", *International Journal of Computer Applications (0975 – 8887), USA, Volume 98– No.15, July 2014*
28. sundos A. Hameed Al-azawi , " Authentication System For Off-line Fingerprint Image ", *International Journal of Scientific & Engineering Research, France, Volume 5, Issue 11, November-2014*
29. Sundos Abdul_ameer, Muna Jaffer and Israa Muhamad, "Geographic Image Classification Considering on Texture Features by GLCM". *Communications on Applied Electronics* 5(5):16-19, July 2016
30. Sundos Abdul-ameer Hameed, Muna Abdul-Hussain Radi, Methaq T. Gaata, " Medical Image Classification Based on Texture information, *International Journal of Innovative Research in Computer Science & Technology, Volume-04, Issue-03, May-2016.*

- Etc.

PROFESSIONAL DEVELOPMENT

- Conferences.
 1. Mohialden, Yasmin Makki, Sundos Abdulameer Alazawi, and Adel Muhsin Elewe. "An improved life cycle for building secure software." IOP Conference Series: Materials Science and Engineering. Vol. 871. No. 1. IOP Publishing, 2020.
 2. Alazawi, Sundos Abdulameer Hameed, and Mohammed Najm Abdullah. "**Online Failure Prediction Model for Open-Source Software System Based on CNN.**" *The International Conference on Intelligent Systems & Networks*. Springer, Singapore, 2021.
 3. Jane Stephan and Sundos A. Hameed. (2007)," **Image Segmentation Using HIS Color Applied on Facial Features Extraction**". *Proceedings of the DCCA2007 1st International Conference on Digital Communications and Computer Applications*, Jordan University of Science & Technology Faculty of Computer & Information Technology., Jordan
 4. Sundos A. Hameed ,and Esraa Jaffer. (2011) "**Topographic Images Classification Considering Color Information**", *Proceedings of the Seventh Scientific Conference*, Al-Mustansiriyah University - Collage of Science.

- Workshops.
 1. " Green Computing", *Collage of Science Mustansiryah University, 2020*
 2. "Virtual Reality and its Role in Education", *Collage of Science Mustansiryah University , 2020.*
 3. "Flipping Classroom ", *Collage of Science Mustansiryah University, 2019.*
 4. " Intelligent Agent Application", *Collage of Science Mustansiryah University, 2019.*

السيرة الذاتية

استاذ مساعد دكتور سندهس عبدالامير حميد

الجامعة المستنصرية – كلية العلوم

Mobile: +9647705840457

Email: ss.aa.cs@uomustansiriyah.edu.iq

خلاصة المعلومات الشخصية

الدراسات النظرية والعملية : معالجة الصور الرقمية, انظمة التشغيل , امنية نظام التشغيل والشبكات, معمارية الحاسوب, لغة الماكينة والمعالج الدقيق, تصميم مواقع الويب

الشهادات

- الدكتوراه في فلسفة علوم الحاسوب من معهد المعلوماتية للدراسات العليا/ الهيئة العراقية للحاسوب والمعلوماتية سنة 2021
- الماجستير في علوم الحاسوب من معهد الدراسات العليا /الجامعة التكنولوجية سنة 2005
- البكالوريوس هندسة البرامجيات سنة 2001

الخبرة الاكاديمية / التدريسية:

- عضو الهيئة التدريسية في الجامعة المستنصرية / كلية العلوم / قسم علوم الحاسوب منذ 2005 والى الان
- تدريس المراحل الاولية (الثانية , الثالثة , الرابعة)
- الاشراف على طلبة التخرج منذ 2005
- تدريس مرحلة الماجستير / الدراسات العليا
- الاشراف على طلبة الدراسات العليا منذ 2022

تدريس المقررات:

الدراسات الاولية	الدراسات العليا
1. نظم التشغيل / مرحلة رابعه	1. نظم التشغيل /
2. تصميم المواقع / مرحلة ثالثة	الماجستير
3. معمارية الحاسوب / مرحلة ثالثة	2. منهجية البحث العلمي
4. معمارية المعالج الدقيق / مرحلة ثانية	/ ماجستير
5. معالجة الصور الرقمية / مرحلة رابعه	

العضوية المهنية:

PROFESSIONAL DEVELOPMENT

1. عضو الهيئة التدريسية في الجامعة المستنصرية / كلية العلوم / قسم الحاسوب منذ 2005 والى الان
2. عضو اللجان الامتحانية للدراسات الاولية للسنوات 2005 و2006 و2012 و2013 و2024 و2021
3. عضو اللجنة الامتحانية للدراسات العليا 2022-2023
4. مقرر الدراسات العليا 2022-2023
5. عضو لجنة الدراسات العليا 2022-2023
6. عضو مجلس القسم 2022-2023
7. عضو مؤتمر العلوم السابع / قسم الحاسوب لسنة 2011
8. عضو مؤتمر العلوم الثامن / قسم الحاسوب لسنة 2022
9. عضو لجان القسم الدائمة والمؤقتة