Curriculum Vitae

Asst. Prof. Dr. Tariq M. Salman

Mstansiriyah University-College of Engineering

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PERSONAL SUMMARY:

- Tariq M. Salman is an Assistant Professor in Electrical Engineering department at Al-Mustansirya University Since 2006. He instructs the topic of communication theory for undergraduate courses. He had 20 publications in local and global scientific journals and conferences participations in the field of IoT, WSN, video compression and image processing.

Education:

- Ph.D. in Telecommunication Engineering-Network devices (BSUIR university- Belarus)
- M.Sc In Communication engineering
- B.Sc in Electrical\Computer Engineering:

ACADEMIC HONORS AND AWARDS:

- Science Day Award - Science Shield 2011 - Ministry of Higher Education and Scientific Research
- Medal of Mustansiriya University Day-2013
- Creativity Medal - University of Babylon 2019
- Many thanks and appreciation certificates

ACADEMIC / TEACHING EXPERIENCE

Teaching in Mustansirya University of for more than 17 years

Analouge and Digital Communications, Computer Networks, Image and video compression and Realization of video codecs courses

Taught:

Under graduate	Graduate
Communication Engineering for 3rd year Digital System Design for 3rd year	Supervision for more than 10 PhD and Master students Lecturer for PhD. Course: Advanced Image processing

PROFESSIONAL AFFILIATIONS:

- Consultant - Iraqi Engineering Union
- IEEE explore reviewer edas.info

PUBLICATIONS:

1. License plate recognition in slow motion vehicles QM Aljelawy, TM Salman, Bulletin of Electrical Engineering and Informatics 12 (4), 2236-2244,2023
2. AUTOMATIC MODULATION CLASSIFICATION USING DEEP LEARNING POLAR FEATURE, AH Shah, AH Miry, TM Salman, Journal of Engineering and Sustainable Development 27 (4), 477-486,2023

3. Automatic modulation classification based deep learning with mixed feature.AH Shah, AH Miry, TM Salman, International Journal of Electrical & Computer Engineering (2088-8708) 13 (2),2023

4. VEHICLE BLACK BOX IMPLEMENTATION FOR INTERNET OF VEHICLES BASED LONG RANGE TECHNOLOGY, GA Aramice, AH Miry, TM Salman, Journal of Engineering and Sustainable Development 27 (2), 245-255, 2023

5. Crop Sorting Using Image Segmentation and Artificial Intelligence: A Review,RA Shandookh, TM Salman, AH Miry, Fifth College of Science International Conference of Recent Trends inAutomatic modulation classification based deep learning: A review,2022.AH Shahali, AH Miry, TM Salman, International Conference for Natural and Applied Sciences (ICNAS), 29-34,2022.

6. Internet of Vehicles: architectures, protocols and communication technologies, GA Aramice, AH Miry, TM Salman,2nd International Conference on Computing and Machine Intelligence,2022.

7. Detecting license plate number using OCR technique and Raspberry Pi 4 with camera, QM Aljelawy, TM Salman,2nd International Conference on Computing and Machine Intelligence,2022.

8. Smart health monitoring and self-analysis system based on internet of things with fuzzy controller, BS Mostafa, AH Miry, TM Salman, AIP Conference Proceedings,2022.

9. A deep learning approach for noisy image classification in automated driver drowsiness detection, MK Hussein, TM Salman, AH Miry, Journal of Engineering and Sustainable Development 25, 73-80,2021.

10. Implementation of Radiation Monitoring SystemS Hasan, A Miry, T Salman, Journal of Engineering and Sustainable Development 25, 1-63,2021.

11. Air pollution monitoring based fuzzy controller with embedded system,SS Hasanh, AH Miry, TM Salman, Journal of Physics: Conference Series 1879 (2), 022085,2021.

12. Driver drowsiness detection techniques: A survey, MK Hussein, TM Salman, AH Miry, MA Subhi, 2021 1st Babylon International Conference on Information Technology ,2021

13. Detection of citrus leaf diseases using a deep learning technique, AR Luaibi, TM Salman, AH Miry, International Journal of Electrical and Computer Engineering ,2021.

14. The effect of time stability on radiation doses resulting from X-ray devices, FT Almusawic, TM Salman, MW Alhamda, Al-Kunooze Scientific Journal,2021.

15. IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE IN CONTROLLING THE TEMPERATURE OF INDUSTRIAL PANEL, MA Ali, AH Miry, TM Salman, Journal of Engineering and Sustainable Development 25 (1), 92-99, 2021.

16. Design of smart wireless changeover for continuous electric current feeding from power sources of variable capacities, HAH Alobaidy, HN Abdullah, TM Salman, International Journal of Electrical and Computer Engineering (IJECE) 10 ,2020.

17. PERSONAL HEALTHCARE SYSTEM BASED ON ARTIFICIAL INTELLIGENCE, BS Mostafa, TM Salman, Journal of Engineering and Sustainable Development (JEASD) 24,2020.

18. IoT based water tank level control system using PLC, MA Ali, AH Miry, TM Salman, International Conference on Computer Science and Software Engineering ,2020.

19. Healthcare Monitoring and Analytic System Based Internet of Thing,B Mostafa, A Miry, T Salman, Iraqi J. Electr. Electron. Eng, 30-36,2020.

20. Reducing of radiation dose for X-ray using contourlet transform and block thresholding technique, MW Alhamd, TM Salman, M Melqonyan, Беспринт, 2020.

21. Implementation of Intelligent Industrial Controller Based On Fuzzy Logic and PLC, M Ali, A Miry, T Salman, Al-Qadisiyah Journal for Engineering Sciences 13 (1),2020.

22. Citrus diseases classification and area detection using image processing, AR Luaibi, TM Salman, AH Miry, Минск: БГУ,2020.

23. Robots swarm communication control based on biological behavior inspiration, HAA Mushreq Abdulhussain Shuriji, Traiq Mohammed Salman, Indonesian Journal of Electrical Engineering and Computer Science,2019.

24. Image denoising using contourlet transform with variable block thresholding. TM Salman, MKM Al-Azawi, L Al-Jobouri,10th Computer Science and Electronic Engineering (CEEC), 282-286,2018.

25. حيدر عبد الحميد جواد، تصميم جهاز تحويل ذكي لاسلكي يؤمن استمرارية التيار الكهربائي المجهز من مصادر مختلفة القدرة التجهيزية
براءة اختراع, 2018حكمت نجم عبد الله، طارق محمد سلمان

26. Fingerprints Identification Using Contourlet Transform, MKMAA T.M. Salman, Engineering and Technology Journal 35 (Part A, No. 3), 282-288, 2017.

27. Design of a ZigBee based WSN with channel coding for energy and temperature monitoring, HN Abdullah, TM Salman, HAH Alobaidy, Al-Sadeq International Conference on Multidisciplinary in IT ,2016.

28. Performance evaluation of ZigBee transceivers using convolutional coding technique, HN Abdullah, TM Salman, HAH Alobaidy, Performance Evaluation 3 (5),2015.

29. Forward image compression using segment level-plurality (FSLP), TM Salman, Journal of Engineering and Sustainable Development 19 (4), 83-95,2015.

30. Implementation and performance evaluation of WSN for energy monitoring application, HAH Alobaidy, HN Abdullah, TM Salman, Eng. &Tech. Journal 33 (7), 1555-1568   ,2015.

31. Iterative block DFE (IBDFE) and IC techniques based chip-level multiple access systems, SA Al-iesawi, MS Ahmed, TM Salman,International Conference on Electrical Communication, Computer, Power,2013.

32. IMAGE COMPRESSION TECHNIQUE BY REVERSIBLE CLUSTERING SEGMENTATION, TM Salman, APDNJ Mohammed, 2013.

33. Video codec with the object motion compensated video camera for video compression, OJMAF V.K Konopelko, V.Y Tsvetkau, Tariq M. Salman, patent, 2011

34. Эффективное кодирование видеоданных в мобильных системах на основе объектной компенсации движения камеры, АДТМ Сальман, БГ 2011.

Head of Department

رئيس قسم الهندسة الكهربائية

Vice dean for scientific research

السيرة الذاتية

أ.م.د.طارق محمد سلمان

الجامعة المستنصرية – كلية   الجامعة المستنصرية.كلية الهندسة

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ملخص تعريفي:

د.طارق محمد سلمان – أستاذ مساعد في قسم الهندسة الكهربائية / الجامعة المستنصرية منذ عام 2006. متخصص في هندسة نظرية الاتصالات واجهزة الشبكات. اكثر من 20 من المنشورات في المجلات والمؤتمرات العلمية العالمية والمحلية في مجال ضغط الفيديو ومعالجة الصور.

الشهادات الدراسية:

* دكتوراه فلسفة في العلوم التقنية- منظومات الاتصال واجهزة الشبكات- جامعة روسيا البيضاء الحكومية للمعلوماتية والراديو الكترونيك -2012
* ماجستير هندسة اتصالات- الجامعة التكنولوجية 2003

الجوائز والتكريم الاكاديمي:

* جائزة يوم العلم- درع العلم 2011- وزارة التعليم العالي والبحث العلمي
* درع يوم الجامعة المستنصرية-2013
* وسام الابداع – جامعة بابل 2019
* العديد من كتب الشكر والشهادات التقديرية

الخبرة الاكاديمية والتدريس:

* تدريسي في الجامعه المستنصرية كلية الهندسة لاكثر من 10 سنوات
* معالجة الفيديو والصور الرقمية- تصميم الشبكات-شبكات الاستشعار- هندسة الاتصالات التناظرية والرقمية

المقررات الدراسية التي تم تدريسها:

الدراسات الاولية	الدراسات العليا
الاتصالات - تصميم انظمة رقمية المرحلة الثالثة- شبكات الحاسوب- المرحلة الرابعة	معالجة الصور الرقمية- الدكتوراه اشراف على الدراسات العليا - الماجستير

الانتساب المهني والجمعيات:

* استشاري/ نقابة المهندسين العراقية

تطوير المهارات:

* المشاركة في اكثر من 10 مؤتمرات علمية عالمية ومحلية

المنشورات العلمية:

1. License plate recognition in slow motion vehicles QM Aljelawy, TM Salman, Bulletin of Electrical Engineering and Informatics 12 (4), 2236-2244,2023
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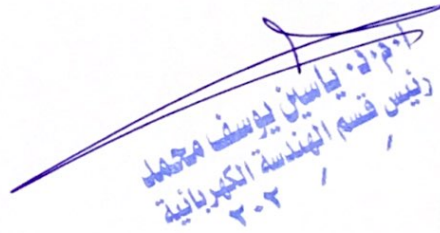
4. VEHICLE BLACK BOX IMPLEMENTATION FOR INTERNET OF VEHICLES BASED LONG RANGE TECHNOLOGY, GA Aramice, AH Miry, TM Salman, Journal of Engineering and Sustainable Development 27 (2), 245-255, 2023

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30. Implementation and performance evaluation of WSN for energy monitoring application, HAH Alobaidy, HN Abdullah, TM Salman, Eng. &Tech. Journal 33 (7), 1555-1568   ,2015.

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34. Эффективное кодирование видеоданных в мобильных системах на основе объектной компенсации движения камеры, АДТМ Сальман, БГ 2011.

توقيع معاون العميد

توقيع رئيس القسم