HAIDER HADI ABBAS

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https://orcid.org/0000-0002-0724-7829

An assistant professor in electronics and communication engineering and he is a lecturer at software engineering and information technology department form 2003 until 2018. From 2018 until now, he is a lecturer at computer technology engineering department.

EXPERIENCE

1. From 2000 to 2001, Computer Expert, AL-Karada Court.
2. From 1997 to 2001, Technical Advisor, Ministry of industry and mineral.
3. From 2004 until now, Cisco academy instructor (CCNA 1), MUC.
4. From 2004 until now, Cisco academy instructor (CCNA 2), MUC.
5. From 2004 until now, Cisco academy instructor (CCNA 3), MUC.
6. From 2004 until now, Cisco academy instructor (CCNA 4), MUC.
7. From 2004 until now, Cisco academy instructor (IT), MUC.
8. From 2018 until now, Computer Technology Engineering Dept., MUC, (fundamentals of control engineering, multimedia computing, fundamentals of communication and information theory and coding).
9. From 2019 to 2021, Lecturer, Communication Engineering Dept., MUC, (information theory and spread spectrum).
10. From 2019 to 2020, Lecturer, Medical Instruments Technology Engineering Dept., MUC, (digital signal processing).
11. From 2002 to 2018, Lecturer, Software Engineering Dept., MUC, (digital signal processing, image processing, computer control engineering, electric circuits, physical electronics, and analog and digital communication systems).
12. From 2006 to 2008, Lecturer, Computer Communication Engineering Dept., MUC, (communication systems and advanced communication).

13. From 2002 to 2003, Lecturer, Computer Science Dept., College of Science, University of Baghdad, (software engineering and computer network).
14. From 2002 to 2003, Lecturer, Electrical Engineering Dept., College of Engineering, University of Baghdad, (communication systems, radar engineering, advanced communication, and coding theory).
15. From 2000 to 2002, Lecturer, Electronics and Communication Engineering Dept., College of Engineering, University of Baghdad, (microwave circuit theory and electronics and communication lab).
16. From 1999 to 2001, Lecturer, Information Engineering Dept., College of Engineering, University of Baghdad, (computer graphics and electronics and communication lab).
17. From 1999 to 2001, Lecturer, Biomedical Engineering Dept., College of Engineering, University of Baghdad, (electronic circuit design and microelectronics).
18. From 1997 to 1998, Lecturer, Computer and Control Engineering Dept., University of Technology, (power systems).

EDUCATION
JUNE 1994

B. Sc. In Electronics and Communication Engineering, University of Baghdad

MAY 1997

M. Sc. In Electronics Engineering, University of Technology

DECEMBER 2001

Ph. D. In Electronics and Communication Engineering, University of Baghdad

SKILLS
- Have programming skills (MATLAB).
- Have laboratory skills (electronics and communication).
- Cisco certified Instructor.
- AWS certified Educator.

PUBLICATIONS

1. H. H. Abbas, and W. A. Mahmoud, "Simulation of Turbo Code Encoding and Decoding", Engineering Journal, 27/3/2001, Vol. 545.
2. Mahmoud, Abbas, and Omeran, "Dynamic decoding of Turbo Codes", AMSE, 11/3/2002, No. 01 143 (1B).
3. W. A. Mahmoud, H. H. Abbas, and Y. J. Harbi, "Design and Implementation of Serial Concatenation Convolutional Codes", Engineering Journal, 22/1/2002, Vol. 478.
4. H. H. Abbas, W. A. Mahmoud and S. K. Omran, "The effect of Trellis Termination on The Performance of Turbo Code", Engineering Journal, 3/2002, Vol. 9.
5. W. A. Mahmoud, and H. H. Abbas, "The Effect of Decoding Iterations on the Performance of Turbo Code", AMSE, 25/1/2003, No. 01 185 (1B).
6. H. H. Abbas, "Neural Networks Based Noise Canceller", AL-Mansour Journal/ NO. 14/ Special Issue/ (Part One) 2010.
7. H. H. Abbas, and Huessein Ali Hussein, "Line Detection Using Radon Transform", Eng. & Tech. Journal, Vol.28, No.6, 2010.
8. H. H. Abbas, "Removing 0.5 Hz Baseline Wander From ECG Signal Using Multistage Adaptive Filter", Eng. & Tech. Journal, Vol.29, No.11, 2011.
9. H. H. Abbas, "A proposed Algorithm for Interactive Geometric Shapes Recognition", Eng. & Tech. Journal, Vol.32, No. Part (A), 5, 2014.
10. A.H. Dakheel, A.H. Dakheel, H.H. Abbas, "Intrusion detection system in gas-pipeline industry using machine learning", Periodicals of Engineering and Natural Sciences (PEN) 7 (3), 1030-1040, 2019.
11. A.S. Sosa, S. M. Mohammed, H. H. Abbas, I. Al Barazanchi, "Tackling graphical natural language processing's problems with recurrent neural networks", Journal of Southwest Jiaotong University 54 (5), 2019.
12. I. Al-Barazanchi, Z. A. Jaaz, H. H. Abbas, H. R. Abdulshaheed, "Practical application of IOT and its implications on the existing software", 7th International Conference on Electrical Engineering, Computer Sciences and Informatics (EECSI), 2020.

13. A.Y. Yousuf, H. H. Abbas, "Text Encryption And Decryption Using Five Levels DNA Based Algorithm", International Journal of Advanced Science and Technology 29 (3s), 104-108, 2020.

14. H. H. Abbas, S. S. Oleiwi, H. R. Abdulshaheed, "Designing and configuring context-aware semantic web applications", TELKOMNIKA (Telecommunication Computing Electronics and Control) 18(5):2549-2559, 2020.

15. H.H. Abbas, Z.A. Jaaz, I. Al_Barazanchi, H. R. Abdulshaheed, "Survey on Enhanced Security Control measures in Cloud Computing systems", Journal of Physics: Conference Series 1878 (1), 012004, 2021.

16. H. R. Abdulshaheed, H. H. Abbas, E. Q. Ahmed, I. Al-Barazanchi, "Big Data Analytics for Large Scale Wireless Body Area Networks; Challenges, and Applications", International Conference of Reliable Information and Communication Technology IRICT, 2021.

17. I. Al-Barazanchi, W. Hashim, H. H. Abbas, A. A. Alkahtani, H. R. Abdulshaheed,"Overview of WBAN from Literature Survey to Application Implementation", 8th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), 2021.

18. H. S. Mehdy, N. J. Qasim, H. H. Abbas, I. Al-Barazanchi, H. M. Gheni, "Efficient time-series forecasting of nuclear reactions using swarm intelligence algorithms", International Journal of Electrical and Computer Engineering 12(5):5093-5103, 2022.

19. G.M. Faisal, H. A. A. Alshadoodee, H. H. Abbas, H. M. Gheni, I. Al-Barazanchi, "Integrating security and privacy in mmWave communications", Bulletin of Electrical Engineering and Informatics 11(5):2856-2865, 2022.

20. H. R. Abdulshaheed, H. H. Abbas, I. Al-Barazanchi, W. Hashim, "Control And Alert Mechanism Of RFID Door Access Control System Using Iot", 3C Tecnología, 2022.

21. *Haider Hadi Abbas, Montadher Issam Abdul Kareem, Hassan Muwafaq Gheni,* "A survey on security and policy aspects of blockchain technology", TELKOMNIKA (Telecommunication Computing Electronics and Control), Vol. 21, No. 2, pp. 302~313, April 2023.

22. Haider Hadi Abbas, Poh Soon JosephNg, Ahmed Lateef Khalaf, Jamal Fadhil Tawfeq, Ahmed Dheyaa Radhi, "A powerful heuristic method for generating efficient database systems", Bulletin of Electrical Engineering and Informatics, Vol. 12, No. 6, December 2023, pp. 3706~3716.

AWARDS, THANKS & APPRECIATION, AND PATENTS IF ANY

1. Thanks & appreciation from Dean of the college on 3/6/2003.
2. Thanks & appreciation from Dean of the college on 21/12/2004.
3. Thanks & appreciation from Dean of the college on 13/12/2009.
4. Thanks & appreciation from Dean of the college on 7/11/2012.
5. Thanks & appreciation from Dean of the college on 10/3/2013.
6. Thanks & appreciation from Dean of the college on 28/1/2020.
7. Thanks & appreciation from Minister of higher education and scientific research on 6/5/2020.
8. Thanks & appreciation from Minister of higher education and scientific research on 11/8/2020.
9. Thanks & appreciation from Deputy Minister of higher education and scientific research on 27/9/2020.
10. Thanks & appreciation from Minister of higher education and scientific research on 1/3/2021.
11. Thanks & appreciation from Dean of the college on 8/6/2021.
12. Thanks & appreciation from Dean of the college on 19/4/2022.
13. Thanks & appreciation from Minister of higher education and scientific research on 25/10/2022.
14. Thanks & appreciation from Minister of higher education and scientific research on 19/4/2023.