

Curriculum Vitae

Basim Jamil Ali

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PERSONAL SUMMARY:

Ph.D. for computer science/ Lecturer in College of Science / Computer science Department Since 2004 till now.

EDUCATION:

- Ph.D. #1: Computer Science, University of Babylon, Iraq, 2017
- M.Sc. #2: Computer Science, University of Baghdad, Iraq, 2002.
- B.Sc. #3: Computer Science, University of Technology, Baghdad, Iraq, 2000.

ACADEMIC HONORS AND AWARDS:

- #1: Many awards and letters of thanks edited by the university and the college.
- #2:

ACADEMIC /TEACHING EXPERIENCE:

- #1: Undergraduate Courses: Data Structure and Algorithms in C++, Structured Programming, Visual Basic Programming, Pascal Programming, C# programming, VC# programming, Operating Systems, Logic Design, Algorithm Design, Computer Graphics, Compiler Design, Integrative Programming, Data Communication, Communication and Computer Networks, Network Security.
- #2:

COURSES TAUGHT:

Undergraduate	Graduate
1. Communication and Computer Networks (Theoretical & Practical)/ 4th Class.	
2. Operating System (Theoretical & Practical)/ 4th Class.	
3. Algorithm Design and Analysis (Theoretical & Practical)/ 3 rd Class.	
4. Data Communication (Theoretical)/ 3 rd Class.	
5. Computer Graphics (Practical)/ 3 rd Class.	
6. Integrative Programming (Theoretical & Practical)/3 rd Class/ IT-Dep.	
7. Compiler and Translators Design (Theoretical & Practical)/3 rd Class/ CS-Dep.	
8. Data Structure (Practical)/ 2 nd Class.	
9. Logic Design (Theoretical & Practical)/ 1 st Class.	
10. Data Structure (Practical)/ 1 st Class.	
11. Network Security (Theoretical)/ 4 th Class/ IT-Dept.	
12. Many of Undergraduate projects for dept. of CS, IT and CY since 2004 till now.	

PROFESSIONAL AFFILIATIONS:

- Committee member / Examination Committee of Department / Al-Mustansiriyah University - Collage of Science-CS Dept., 2005-2010, and 2020 till now.
- Committee member / Follow-up Curriculum Planning Committee / Al-Mustansiriyah University - Collage of Science-CS Dept., 2005.
- Committee member / Committee for the discussion of preliminary graduation projects/ Al-Mustansiriyah University - Collage of Science-CS Dept.
- Committee member / Maintenance Committee in Computer Science Department/ Al-Mustansiriyah University - Collage of Science-CS Dept.
- Chairman of Internet Unit/ College of Science – Computer Science Dep. 2007-2010.
- coordinator for postgraduate studies in computer science department 2020-2022.
- President,

PUBLICATIONS:

- Papers.
- *Basim Jamil Ali and Alyaa Hashem Mohammed, "Persistent Security for Electronic Documents", Journal of the Faculty of Basic Education, AlMustansiryah University, 19 (69), pages(15-23), 2011.*
- *Saad Talib Hasson and Basim Jamil Ali, " Developing an Epidemic Routing Algorithm to Extend the Lifetime of Wireless Networks ", Res. J. Applied. Sci., 11(10): 959-963, 2016.*
- *Basim Jamil Ali and Saad Talib Hasson, "Extend Wireless Network's Lifetime Based on Developing Gossiping Routing Algorithm", Journal of Information Engineering and Applications, ISSN 2224-5782 (print) ISSN 2225-0506 (Online), Vol.6, No.8, 2016.*
- *DA Musaab Riyadh, B. Ali, "IDS-MIU: An Intrusion Detection System Based on Machine Learning Techniques for Mixed type, Incomplete, and Uncertain Data Set", International Journal of Intelligent Engineering and Systems 14 (3), 493-5027, 2021.*
- *MAM Al-Obaidi, BJ Ali, B Alkindy, "A comparative study of the evolution different mobile generations for wireless communication", Journal of the college of basic education 26 (109), 488-497, 2020.*
- *FA Alyaa Hashem Mohammed, Basim Jamil, "Bootstrap technique for image detection", Periodicals of Engineering and Natural Sciences 8 (3), 1280-1287, 2020.*
- *TS Mohanad Ali Meteab Al-Obaidi, Basim Jamil Ali, Jamila H.Ssaud, "A hybrid control system for investigating a high level of decision in internet of things", Indonesian Journal of Electrical Engineering and Computer Science 20 (3), 2020.*
- *BJ Ali, "Hybrid Deep Reinforcement Learning and Bio-Inspired Optimization for Adaptive Routing and Clustering in Wireless Sensor Networks", (IJCI) Iraqi Journal for Computers and Informatics 52 (1), 163-179, 2026.*
- *Basim Jamil Ali, MAMAO, "Development of an Efficient Cluster-Based Hybrid LEACH+TEEN Protocol for Time-Critical WSN Application", Fusion: Practice and Applications 21 (2), 188-198, 2026.*
- *MAMAO, BJA, Shajan M. Mahdi, "Efficient algorithms and protocols for energy conservation of wireless sensor networks: A survey and future directions", Global Journal of Engineering and Technology Advances 22 (2), 027–033, 2025.*
- *SMM, Basim Jamil Ali, Mohanad Ali Meteab Al-Obaidi, "Survey broach for clustering in wireless sensors protocols and types", Global Journal of Engineering and Technology Advances 20 (3), 118–124, 2024.*
- Etc.

PROFESSIONAL DEVELOPMENT

- Certifications.
CCNA, IC3, Completed a six months research program entitled "Machine to Machine Communication Based Bio-Inspired Computation" at the University of Northampton/ School of Science and Technology-UK.
- Conferences.

- Workshops: attending the following Graduate School workshops during my research in UK/ University of Northampton/events in 2015 :
 - ❖ Personal effectiveness: Managing professional relationships & the doctoral roller coaster.
 - ❖ Presentation Skills Development Day.
 - ❖ What can bibliometrics do for you?
 - ❖ Defeating self-sabotage.
 - ❖ Quantitative Data Analysis 2: Analyzing secondary data.
 - ❖ Quantitative Data Analysis 1: Basic data analysis and variability.
- Workshops: attending many workshops in computer science departments and Ministry of Water Resources Since 2017 till now.
- Reviewer: Many scientific research manuscripts have been reviewed since 2017 till now.