



Curriculum Vitae

Baraa Mohammed Hasan

Personal Profile

Full name: Baraa Mohammed Hasan

Surname: Al-Zubaidi

Nationality: Iraqi

Marital status: Married

Gender: Female

Date of birth: 10/08/1994

Place of birth: Wasit/Iraq



Wasit - Kut



bhassan@uowasit.edu.iq

Education

- **28-12-2021 M.Sc.** .in Computer Science, Informatics Institute for Postgraduate Studies\Iraqi Commission for Computers and Informatics, Baghdad, Iraq.
- **11-7-2016 B.Sc.** .in Computer Science, University of Wasit, College of Computer and mathematic, Computer Science Department, Wasit, Iraq.

Employment

1. Oct/ 2017 - Aug/2018 External Lecturer

College of Computer Science and Information System, University of Wasit, Wasit, Iraq. I am teaching practical databases (SQL).

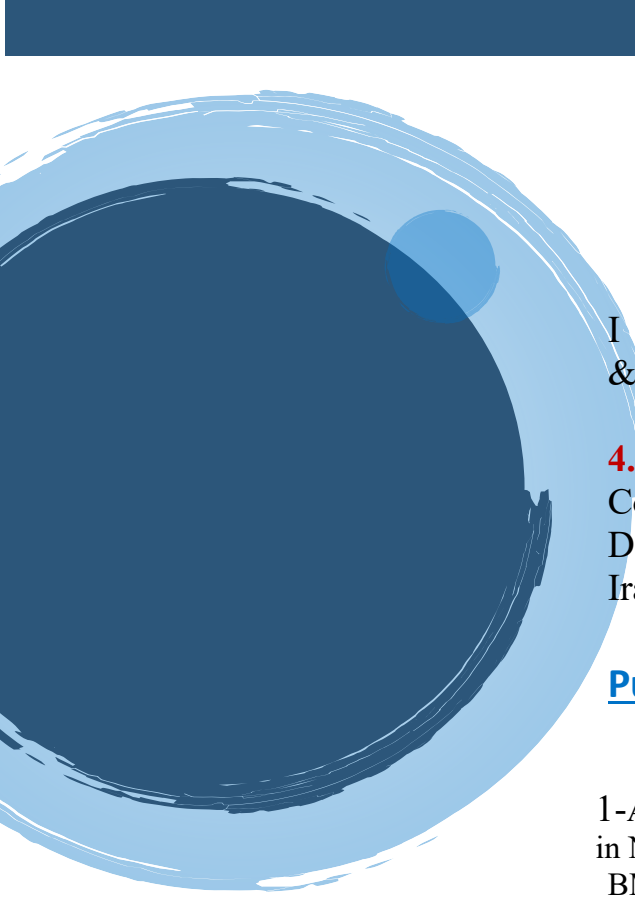
2. Jun/2023 External Lecturer

Center for Continuing Education, University of Wasit, Wasit, Iraq.

Giving courses related to Computer Science (MS-DOS, Windows, and Principles of Computer.

3. Sept/ 2023 Internal Lecturer

College of Education for Pure Sciences/ Department of Computer, University of Wasit, Wasit, Iraq.



I taught the following subjects :(Data Structure & Algorithms, Visual Basic language).

4. Oct/ 2023 External Lecturer

College of Computer Science and Information System/
Department of Software, University of Wasit, Wasit,
Iraq. I am teaching Compiler.

Publications

▪ Journals

1-Adversarially Robust 1D-CNN for Malicious Traffic Detection in Network Security Applications.

BM Hassn, ES Alomari, JS Alrubaye, OA Hassen
Journal of Cybersecurity & Information Management

2-Comparative study of encryption algorithms for data security in WoT and IoT

BM Hassan, HK Hoomod
Turkish Journal of Computer and Mathematics Education 12 (12),
2722-2727

3Securing the Connected World: A Review Paper of IoT Security Architecture, Challenges, and Emerging Solutions

BM Hassn
Journal of Al-Qadisiyah for Computer Science and Mathematics
17 (2), 215–228

▪ Conferences

1. Baraa Mohammed Hassan," "A Proposed Hybrid Cryptography Algorithm Based on GOST And SPECK for Data Confidentiality in Wot"(Certificate of Paper Acceptance in International Research Conference on Engineering and Applied Sciences 2023 (IRCEAS2023)

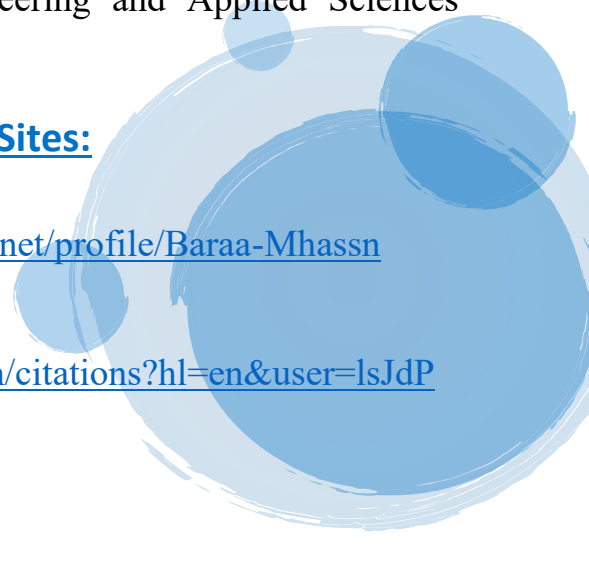
Communication Web-Sites:

Researchgate:

<https://www.researchgate.net/profile/Baraa-Mhassn>

Google Scholar:

<https://scholar.google.com/citations?hl=en&user=lsJdP>





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Qualifications:

- M.A. Degree in ‘Web of Things Data Security Based on Hybrid Gost-Speck Algorithms in Health Care’ in 2021 / the Informatics Institute for Postgraduate Studies \ Iraqi Commission for Computers and Informatics/ Iraq.
- B.A. Degree in ‘Computer Science’ in 2016 /Wasit University/Iraq.
- Certificate in Cyber Security Attack Techniques.
- Certificate in Protecting systems from hacking.

Languages :

(fluent in Arabic (1st language) and English (2nd language)).

