

Manal Fadhil Younus (Assistant Professor)

- Nationality – IRAQ
- MSc. Computer Science - University of Baghdad, Iraq
- Mobile +964-7830674646
- E-mail: Manal.fadhil@coeng.uobaghdad.edu.iq,
manalfyounis@gmail.com



Education

Name, Place, and Country	Attended From /To		Degree Destinations Obtained	Main Course of Study
University of Baghdad, Baghdad-Iraq	09/2002	03/2005	M. Sc.	Computer Science
University of Baghdad, Baghdad-Iraq	09/1993	07/1997	B. Sc.	Computer Science

Theses

1. Younus, Manal F., "Design and implementation of middleware between heterogeneous database systems", University of Baghdad (2004).

Published Journal Papers

1. Younus, Manal Fadhil "Image Segmentation Using Multiwavelet Transform" *Published* in Journal of engineering/ University of Baghdad (2010).
2. Younus, Manal Fadhil "RSA Security Enhancement" *Published* in Journal of The Engineering of Control and Mechatronics University of Technology (2010).
3. Younus, Manal Fadhil "Image Compression Using Tap 9/7 Wavelet Transform and Quadtree Coding Scheme" *Published* in Baghdad Science Journal (2011).
4. Younus, Manal Fadhil "Memory Allocation Technique for Segregated Free List Based on Genetic Algorithm" *Published* in Al-Nahrain Journal of Science (2011).
5. Younus, Manal Fadhil "A NEW IMPLEMENTATION TECHNIQUE FOR BUDDY SYSTEM" *Published* in Baghdad Science Journal (2011).
6. Younus, Manal Fadhil "Development of a Message-Oriented Middleware for Heterogeneous Distributed Database Systems" *Published* in Al-Nahrain Journal of Science (2013).

7. Younus, Manal Fadhil "Automating the Lower and Higher Normal Form Process for the Database Systems" Published in International Journal of Computer Applications (IJCA) (2014).
8. Younus, Manal Fadhil "Detection and Prevention of SQL Injection Attack: A Survey" Published in International Journal of Computer Science and Mobile Computing (2017).
9. Younus, Manal Fadhil "Developing Load Balancing for IoT - Cloud Computing Based on Advanced Firefly and Weighted Round Robin Algorithms" Published in Baghdad Science Journal (2019).
10. Younus, Manal Fadhil "Data Transmission Using Li-Fi Technique" Published in International Journal of Advanced Science and Technology (2020).
11. Younus, Manal Fadhil "Dynamic Fault Tolerance Aware Dynamic Scheduling for Healthcare System on Fog Computing" Published in Iraqi Journal of Science (2020).
12. Younus, Manal Fadhil "Development of an Attendance System Based on Cloud/Fog Computing with Data Recovery Capability" Published in Iraqi Journal of Science (2020).
13. Younus, Manal Fadhil "Transfer Data From PC to PC Based on Li-Fi Communication Using Arduino" Published in International Journal on Advanced Science, Engineering and Information Technology (2021).

Published Proceedings and Conference Presentations

1. Younus, Manal Fadhil "Image Compression Using Tap 9/7 Wavelet Transform and Quadtree Coding Scheme" *Published* in Baghdad Science Journal (2011).
2. Younus, Manal Fadhil "RSA Security Enhancement" *Published* in Journal of the Engineering of Control and Mechatronics University of Technology (2010).

Professional Experience

From Dec 1997 – 2021, University of Baghdad, Baghdad / Iraq

Faculty member in the Computer Engineering Department

➤ Lecturing in the following subjects:

- Database systems.

- Computer networking Lab.
- Data Structures & Algorithms Java Lab.
- Software engineering.
- Cloud computing for master student.

➤ **Supervision many bachelor degree final year projects, e.g.**

- Design and implementation of online shopping 2015/2016.
- Design and Implementation of online library management system 2005/2006.
- Design and implementation of online restaurant management system 2017/2018.
- Design and implementation of automation street lighting system using IoT 2018/2019.

➤ **Supervision many Master theses:**

- Development of a Smart Health Care System with Hybrid Load Balance Capability, 2019.
- Development of Fault Tolerance for Internet of Things within Fog Computing 2020.

➤ **Administrative Activities:**

- Undergraduate program coordinator for two years.
- Member in Examination Committee for two years.
- Head of Electronic authentication for six years
- Manager of Student summer training for four years.
- Head of Examination Committee for two years (until now).
- Educational Supervision Committee.
- Laboratory supervision committee.

Knowledge of languages

- Mother Tongue: Turkmen
- Other Language: Arabic, English and Turkish (Read, Write, Speak, and Understand).