



Dr. Laith Farhan

Contact

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Programming

Python	Advanced
C language	Advanced
Php language	Advanced
Dart	Intermediated
Matlab	Advanced
C#	Intermediated
MySQL	Intermediated

Languages

English	Proficient
Arabic	Native Speaker

Summary

Laith Farhan is the Head of Electronic Computer Center department at the University of Diyala. Over 15 years of specialized experience in networking, AI, and the Internet of Things (IoT), they lead the professional development of university staff in Iraq.

Laith Farhan previously served as a lecturer at Manchester Metropolitan University (UK) while completing their doctoral studies. Their research contributions focus on the application of smart sensors in engineering, agriculture, industrial and clean energy, with numerous publications in high-impact (Q1 and Q2) international journals. Recognized globally for their expertise, they hold multiple international certificates for research evaluation and continue to advance the field through innovative technical training and interdisciplinary research. **Laith Farhan** is recognized as a leading scholar in his field, he holds the distinction of being the top-cited author within his department/institution/university. His research on IoT and AI integration has garnered significant scholarly attention, establishing him as a primary authority in high-impact academic discourse.

Education

Doctor of Philosophy: Computer Network - 2020
Manchester Metropolitan University, UK.

Master of Science: Advanced Computer Network Technology - 2010
Manchester Metropolitan University, UK.

Bachelor of Science: Computer Engineering - 2005
University of Technology, Iraq.

Experiences

Editor at MDPI – Electronics journal: 2020 to present

[Visit topics board editors](#)

Editor at MDPI – Networks journal: 2020 to present

[Visit topics board editors](#)

Guest Editor of the Special Issue in Electronics:

Currently, I am leading the special issue of the Internet of Things (IoT) at the MDPI – Electronics journal (ISSN 2079-9292). This special issue belongs to the section "Networks". The impact factor of the special issue journal is 2.4 and 1.9 citescopus. The deadline for manuscript submissions: **30 June 2023. For more details, visit the link below:**

[Internet-to-Everything \(I2X\) Communications, Applications and Management in Future Networks.](#)

Reviewer in many Journals: 2019 to present

Such as (MDPI - Electronics, Applied Sciences, Informatics and Systems, Internet of Things Journal, Artificial Intelligence Journal, etc.).

Journals citation reports: (11904), h-index (17), i10-index (21) (The highest citation at the University of Diyala

Lecturer: 04/2012 to present
University of Diyala, Iraq

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Skill Highlights

- Ability to plan a project and deliver it to agreed timelines.
- Analysis of complex data and presentation of emerging conclusions and concepts.
- Collaborated and communicated at all professional levels, and with people from diverse origins and cultures. Can work both independently and in team settings.
- Used to seek and critically assess large amounts of information, to define the cause of problems, determine available options and to use my own experience and that of others to move things forward.
- Coached and collaborated with other scientists, outlining objectives, methodology, and conclusions, actively listening to people and stimulating interest and discussion.

Academic Profiles

- Google scholar account:
https://scholar.google.com/citations?user=GA_P5oAAAAJ&hl=en
- ORCID account:
<https://orcid.org/0000-0001-8256-7323>
- ResearchGate account:
https://www.researchgate.net/profile/Laith_Farhan
- LinkedIn account:
<https://www.linkedin.com/in/laith-farhan-94638388/>
- Scopus profile:
<https://www.scopus.com/authid/detail.uri?authorId=57200164065>
- Web of Science:
<https://www.webofscience.com/wos/author/record/2152652>

Head of Electronic Computer Center: 11/2025 to present
University of Diyala, Iraq

Invigilator: 12/2018 to 09/2020

British Council, Manchester, UK.

Worked as an invigilator to assist at their Association of Chartered Certified Accountants (ACCA) computer-based testing exams.

Data Entry: 09/2018 to 09/2019

AlphaPlus Consultancy Ltd, UK.

An education publisher developed a new suite of Maths and English tests for primary schools. I worked to process of entering data into a spreadsheet that can conduct for analyzing.

Teaching assisting and marking: 10/2016 to 06/2017

Manchester Metropolitan University, UK.

- Taught students, adapting to different scientific levels and backgrounds, stimulating discussion such as TCP, UDP, switching, routing, servers, etc. in detail.
- Design simulation mode that provides the ability to view the functionality of the different protocols.
- Assist lectures to prepare the assignments and mark them with the units below:
 - ✓ Computer system.
 - ✓ Computer network technology level 4 and 5.
 - ✓ Computer advance communications.

IT Management: 04/2012 to 12/2015

University of Diyala, Iraq.

Responsible for the secure and effective operation of all computer systems, related applications, hardware and software that is used within a wide range of public and private sector organizations at the university.

Publications

Recently, I have some high quality publications in many fields such as Internet of Things (IoT), Wireless Sensor Networks (WSN), Routing, Big data, Machine Learning, Deep Learning, etc.

Recent Journals

1. The Evolution of Computational Linguistics: A Bibliometric Analysis of Research Trends from 1966 to 2023, (2025).
2. Hybrid Model for Forecasting Temperature in Khartoum Based on CRU data, (2024).
3. A survey on deep learning tools dealing with data scarcity: definitions, challenges, solutions, tips, and applications (2023).
4. Enhancing Virtual Real-Time Monitoring of Photovoltaic Power Systems Based on the Internet of Things, Electronics, (2022).
5. Review of deep learning: Concepts, CNN architectures, challenges, applications, future directions, Journal of big Data, (2021).
6. [For more publications, click here](#)

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Interests and activities

- Sports – volleyball, fitness, and swimming
- Tennis and Ping Pong
- Learning new skills
- Cinema

Conferences

- 1 Hybrid visible-light/RF communication system for mission-critical IoT applications, 2019.
- 2 A Concise Review on Internet of Things (IoT)-Problems, Challenges and Opportunities, In CSNDSP, 2018.
- 3 [For more publications, click here](#)

Book

- 1 Towards Green IoT: Key Challenges and Energy Solutions, publisher LAP LAMBERT Academic Publishing, 2021.
- 2 [For more publications, click here](#)

Chapters in a Book

- 1 Internet of Things Scalability: Communications and Data Management, Springer International Publishing, Cham, 2019
- 2 Internet of Things: Vision, Future Directions and Opportunities, Springer International Publishing, Cham, 2019.
- 3 Classification of Red Blood Cells in Sickle Cell Anemia Using Deep Convolutional Neural Network, Springer International Publishing, Cham, 2019.
- 4 [For more publications, click here](#)

Computer Networks Knowledge

- Create python scripts to configure and setup CISCO devices.
- GNS 3 simulator.
- Packet Tracer software to design and simulate networks.
- EVE-NG network emulator.
- OpenNet IT Guru simulator for networks.
- Wireshark.
- Flutter to design mobile Apps.
- Matlab Software.
- Machine Learning.
- Deep Learning.

IoT Skills and Knowledge

- Arduino.
- Node MCU (ESP8266) and (ESP32).
- Raspberry Pi.
- Machine Learning.
- Deep Learning.
- Custard Pi board.
- Sensors and actuators.
- IoT Architecture.
- Design websites
- Knowledge of MQTT protocol.
- Knowledge of Cloud computing.