Academic Curriculum Vitae

Personal Information:

Full Name: Hanan Kamal AbdulKarim
Academic Title: Assistant Lecturer
Email: hanan.abdulkarim@su.edu.krd
Mobile:

Education:

- Ph.D. Student since October, 2019, in Software Engineering, College of Engineering – Salahaddin University, Erbil, Iraq.
- M.Sc. degree at 2014, in Software Engineering, College of Engineering – Salahaddin University, Erbil, Iraq.
    - Improved Swarm Intelligence to Solve Job Scheduling Problems, MSc. Thesis,2014.
- B.Sc. degree at 2008, in Software Engineering, College of Engineering – Salahaddin University, Erbil, Iraq.
    - Mining Fuzzy rules from large relational databases, B.Sc. research ,2008
    - Ranked 1st class honors over all four academic years.

Employment:

- Working as lecturer at College of Engineering - University of Salahaddin – Erbil, since 2014 (full time).
- Worked as lecturer at computer science department of Erbil International University, 2020-2022 (part time).
- Worked as lecturer at computer science department of Bayan University - Erbil, 2017-2018 (part time).
- Worked as lecturer at IT department of Lebanes and French University - Erbil, 2016-2018 (part time).
- Worked as lecturer at Kany institute for computer science - Erbil, 2016-2017 (part time).
- Worked as IT manager at College of Engineering - University of Salahaddin – Erbil, 2015-2016.
- Designed, programmed and supervised many online systems since 2011.
- Worked as a teaching assistant at College of Engineering - University of Salahaddin – Erbil, 2009 - 2013.
- Worked in website development of College of Engineering – University of Salahaddin – Erbil, 2010- 2011.
- Worked as an instructor at Cisco Computer Networking Academy Course CCNA1 at Cisco Networking Academy Center in College of Engineering - University of Salahaddin – Erbil, 2010 – 2011

Qualifications

- Very skilled in Computer programming and algorithm design.
- Highly proficient in using Java SE, HTML, PHP, MySQL
- Intermediate experience in C# , SQL Server, packet tracer, C++, Matlab and prolog.

- Highly proficient in database design and system analysis.
- Experience in Computer Networking and Management Information Systems.
- Strong team working.
- Languages fluent in Kurdish, English (IELTS), Arabic, and Turkish.

Teaching experience:

- Many courses taught:
  - o Data Base management and implementation.
  - o Advanced Data Base programming.
  - o Management Information system.
  - o Artificial Intelligence.
  - o Procedural programming.
  - o Electronic and Logic.
  - o Object Oriented programming
  - o Data structure and algorithms
- Many student projects supervised in software engineering fields

Research and publications

- Production Survey of Designing a Hybrid Optical Amplifier (HOP) for WDM Systems by Using EDFA and RAMAN Amplifiers, Design Engineering (Toronto) ISSN: 0011-9342 , Year 2021 Issue: 7 , Pages- 7476-7491. Link: http://www.thedesignengineering.com/index.php/DE/article/view/3257
- Dynamic Shortest path analysis of routing technique VIA genetic algorithm, Journal ENGINEERING AND SUSTAINABLE DEVEOLPMENT, Al-Mustansiriah University, Year 2018. Link : https://www.academia.edu/89508074/Dynamic_Shortest_Path_Analysis_of_Routing_Technique_via_Genetic_Algorithm

Conferences and courses attended

- CCNA Exploration: Network Fundamentals, 21 July 2009.
- 2nd International Scientific Conference of Chihan University-Erbil, Communication Engineering and Computer Science (CIC-COCOS'17) , 20-30 march 2016.
- 1st International Conference on Information Technology (ICoIT'17), 10th April 2017
- Symposium Cloud Implementation in Kurdistan, 27 October 2017.
- 2nd International Conference of Engineering and Innovating Technology, 14-16 April 2019

Professional memberships

- Membership at Kurdistan Teachers Union, Erbil since 2015.
- Membership at Kurdistan Engineering Union, Erbil since 2008.

Professional Social Network Accounts:

- https://www.researchgate.net/profile/Hanan-Abdulkarim
- https://independent.academia.edu/HananKamalAbdulkarim
- https://orcid.org/my-orcid?orcid=0000-0002-8767-0474