



TECGREMED MEMBER CV

Family Name
Name
Institution
Position
Mother Language
English (A1, A2, B1, B2, C1, C2)

Shaqadan
Ashraf
Zarqa University
Associate Professor in Engineering / International Unit Director
Arabic
C2

EDUCATION – WORK EXPERIENCE

Education:

Ph.D., Civil and Environmental Engineering / Water Resources and Hydrology Utah State University, Logan, UT, USA. August, 2008.

Master's Degree in Biological and Agricultural Engineering / Wastewater Treatment Utah State University, Logan, UT, USA. May 2003.

Work Experience:

- a. (2012 – current) Civil Engineering Department, Zarqa University Associate Professor (2021-present) Assistant Professor
 - o Teaching various civil engineering courses including: Water Resources, Soils, Statics, Economics, Surveying, Geology, Drawing, Environmental Engineering, Environmental Chemistry and Concrete Technology.
 - o Designing and Teaching new courses like Remote Sensing , Environmental Chemistry and GIS.
 - o Conducting Research in civil and environmental engineering
 - o ABET committee member: Participate in the preparation and implementation of university work plans to achieve ABET accreditation.
- b. (2008-2012): CH2MHILL, Sacramento, California Water Engineer, Worked on several environmental and water projects for several clients in like California Department of Water Resources (DWR), US Bureau of Reclamation (USBR), California Energy Commission (CEC). Conducted technical analysis and modeling services in a variety of fields in water resources, data analysis, social impacts, and regional planning.

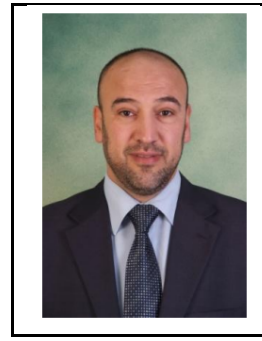
PUBLICATIONS related the project topic

1. Awwad M, **Shaqadan Ashraf**, Jamal Al-Adwan, Faroq Maraqa , 2023. Recycling of Basalt and Limestone Cutting Dust in Concrete Mix Design , Civil Engineering Journal , Vol 9, No 5 (2023)
2. Al-Kasasbeh, R T, Korenevskiy, NA. , **Shaqadan, Ashraf** and et al. , 2023. Early Diagnosis of Pesticide-Induced Diseases through Computerized Decision Support System and Assessment of Body Acupuncture Points Response," 2023 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI), Zarqa, Jordan, 2023, pp. 1-8, doi: 10.1109/EICEEAI60672.2023.10590518.
3. **Shaqadan A.**, I. Alshalout, M. Abojaradeh, R. Al-kasasbeh and A. Al-Khatib, "Developing Artificial Neural Networks Model for Concrete Mix Design," 2022 International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI), Zarqa, Jordan, 2022, pp. 1-5, doi: 10.1109/EICEEAI56378.2022.10050473.
4. Al rawashdeh M A. , **Shaqadan A A.**, Asad O A, Yousef I A, Alzoubi A E , 2021. Assessment of Environmental Factors on Corrosion in Reinforced Concrete with Calcium Chloride , Civil Engineering and Architecture Vol. 9(6), pp. 1985 - 1995
DOI: 10.13189/cea.2021.090627.

5. Jadaan, K., Abojaradeh, M., **Shaqadan, A.**, Abojaradeh, D., Alshalout, I. (2022). Analysis of human and cultural factors causing risk of accidents in Jordanian drivers. International Journal of Safety and Security Engineering, Vol. 12, No. 5, pp. 589-595. <https://doi.org/10.18280/ijss.120506>
6. **Shaqadan A**, 2020. Evaluation of Climate Change Impacts on Vulnerability of Rainfall in Jordan Indian Journal of Environmental Protection , 40(6):607-615
7. Shaqadan A., 2020. Prediction of Concrete Strength Using Support Vector Machines Algorithm, Materials Science Forum Vol. 986 .

INTERNATIONAL PROJECTS EXPERIENCE

1. International Relations Unit Manager and Erasmus mobility projects Refugee students operational support unit manager which provides academic ,psychological, and career services to refugee students at ZU.
2. Erasmus+ project (561748-EPP-1-2015-1-PS-EPPKA2- CBHE-JP): Worked on developing master curriculum and content for master program in nursing management .
3. Erasmus+ project (573665-EPP_1-2016-1-IT-EPPKA2-CBHE-JP) : worked on developing academic, social, and career services for refugees (RSOS Unit) as part of RESCUE Erasmus project.
4. Tempus project (544429- TEMPUS_1-2013-1-PSTEMPUS-JPCR) : Worked on developing master curriculum and content for master program in intellectual property law.



TECGREMED MEMBER CV

Family Name
Name
Institution
Position

Sadeq Fares Jarab
Alaa eddin
Zarqa University
Professor in English Language and Literature / Vice Rector /
Arabic
C2

Mother Language
English (A1, A2, B1, B2, C1, C2)

EDUCATION – WORK EXPERIENCE

Education:

PhD Dec.2000 in English Literature - Rajasthan University- India.
M.A 1996 in English Literature - Mysore University- India.

Work Experience:

- Vice president for Academic Affairs (2019- present) .
- Member of local management team of EDU-Syria european project steering committee (2019-present).
- Administrative experience in programs local and ministry of education accreditation process and procedures.
- Networking with local NGO partners and employers.
- Teaching
- Lead committee in programs quality assessment and improvement.
- Manager of national Jordanian accreditation unit that works in all faculties to prepare documentations for NJA process.
- Dean of the Faculty of Arts -Zarqa University (2018-present).

PUBLICATIONS related the project topic

1. Nagaletchimee Annamalai, Radzuwan Ab Rashid, Umair Munir Hashmi, Misrah Mohamed, Marwan Harb Alqaryouti, Ala Eddin Sadeq , 2023. Using chatbots for English language learning in higher education. Computers and Education: Artificial Intelligence . Vol. 5 , page 100153. Elsever.
2. Ekbal Al-Jabbari, Ala eddin Sadeq, Jamal Azmi , 2011 , Cultural gaps in linguistic communication with reference to English and Arabic language communities , Zarqa Journal for Research and Studies in Humanities , Vol. 11 , issue 1 , p. 60-64 .
3. Ibrahim Fathi Huwari, Abdallah Hammad Jaber Alhammaideh, Marwan Harb Alqaryouti, Radzuwan Ab Rashid, Kamal Ahmad Alruzzi, Ala Eddin Sadeq , 2023. Demotivation factors for learning English (Students' perspectives) , Journal of Language Teaching and Research , Vol. 14 , issue 4 , 1023-1030 .
4. Radzuwan Ab Rashid, Omar Ali Al-Smadi, Marwan Harb Alqaryouti, Raed Awad Al-Ramahi, Ala Eddin Sadeq , 2024. A Socio-cultural Model Examining the Co-construction of Online Social Support , Studies in Media and Communication , vol. 12 , issue 4 , Redfame publishing .
5. Rashad Faleh Alhasan, Ibrahim Fathi Huwari, Marwan Harb Alqaryouti, Ala Eddin Sadeq, Ali Ata Alkhalidi, Kamal Ahmad Alruzzi , 2024. Confronting English Speaking Anxiety: A Qualitative Study of Jordanian Undergraduates at Zarqa University . Journal of Language Teaching and Research , vol. 15 , issue 6 , p. 1782- 1980 . Academy Publication Co., Ltd.



TECGREMED MEMBER CV

Family Name	Abu-salem
Name	Amer
Institution	Zarqa University
Position	Associate Professor in Engineering / International Unit Director
Mother Language	Arabic
English (A1, A2, B1, B2, C1, C2)	C2

EDUCATION – WORK EXPERIENCE

Education:

Ph.D. in Computer Science

Anglia Ruskin University

09/2006 - 11/2010, Chelmsford, United Kingdom

Developed a hybrid cooperative caching strategy to enhance data access efficiency in mobile ad hoc networks, improving resource utilization and network performance.

M.Sc. in Computer Science

Al al-Bayt University

10/2000 - 02/2004, Mafraq, Jordan

Developed and implemented Quality of Service (QoS) enhancements in the OSPFv3 protocol, optimizing network performance and reliability.

B.Sc. in Computer Science

Al al-Bayt University

9/1994 - 06/1998, Mafraq, Jordan

Gained foundational expertise in programming, algorithms, data structures, databases, and computer networks.

Work Experience:

Accomplished Associate Professor of Computer Science with over fifteen years of distinguished experience in teaching, research, and industry collaboration. Expert in IT project management, networking, artificial intelligence, and data analytics, with a proven record of driving innovation and achieving research excellence. Renowned for mentoring the next generation of tech leaders and developing strategies to enhance system quality and effectiveness. Skilled in encouraging teamwork across different fields and applying advanced solutions to solve complex problems.

PUBLICATIONS related the project topic

- Salem, A. , A Novel LEACH Routing Protocol using Genetic Algorithm for Wireless Sensor Networks, International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), Vol.8, No.5, p. 2096 – 2100
- Salem, A.O.A. and N. Shudifat, Enhanced LEACH protocol for increasing a lifetime of WSNs. Personal and Ubiquitous Computing,.: p. 1-7
- Turabieh, H., A.A. Salem, and N. Abu-El-Rub, Dynamic L-RNN recovery of missing data in IoMT applications. Future Generation Computer Systems, 89: p. 575-583.
- Salem, A.O.A., Enhanced LEACH Protocol for Wireless Sensor Networks. The 18th International Arab Conference on Information Technology