Dr. Khalil
Maad Modher

Experience

2000-2005 Ishraq Computer Services
Maintenance ● Sales ●

2005–current University of Diyala
Lecturer, System Administrator, Supervisor.

Main responsibilities: giving lectures about Information systems, networks, cloud computing and security, also managing university networks including connecting routers and servers, since 2020 assigned as system admin for distance learning, managing classrooms, emails and exams.

Education

Petersburg State Transport Univ. ،Saint Petersburg,Russia.
- Master Degree in Information systems 2009 (IBM System Z and virtual machines)
- PhD. Degree in Information systems 2017 (Cloud Computing)

Language skills

Language	Read	Write
Arabic	Fluent	Fluent
English	Fluent	Fluent
Russian	Fluent	Good

Summary

Experienced in computer networks, many publications about virtual networks, virtual machines and cloud computing. Worked with groups to connect computer labs, participated in many conferences around the world, managed and orchestrated distance learning classrooms and exams throughout the pandemic, supervised many graduation projects, coded programs in Pascal, C++, Java, Python.

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Publications:

1. Mahmood, M. S., & Khalil, M. M. , Understanding the Key Features of Wi-Fi 6 and Exploring the Effect of Modulation Scheme on Throughput Rate. International Journal on Engineering, Science and Technology (IJonEST), Vol 4, No 2 (2022), pp 130-137.
2. M.M. Khalil, A.D. Khomonenko, M.D.Matushko, Measuring the Effect of Monitoring on a Cloud Computing System by Estimating the Delay Time of Requests, Journal of King Saud University - Computer and Information Sciences, 2021. <scopus, Q1>
3. M.M. Khalil, A.D. Khomonenko, S.I. Gindin, Load Balancing Cloud Computing with Web-Interface Using Multi-channel Queuing Systems with Warming up and Cooling, International Symposium on Intelligent and Distributed Computing, 2019, pp 385-393. <scopus>
4. Khalil A.I., Khalil M.M., Image Data Compression Based on Two Hybrids Algorithms, Turkish Journal of Computer and Mathematics Education (TURCOMAT), 2021, Volume 12, Issue 9, P-1403-1415. <scopus, Q4>
5. Khalil Maad, M., Adadurov, S.E., Mahmood, M.Sh., Mastering Google cloud: Building the platform that serves your needs, CEUR Workshop Proceedings, 2020, 2803, pp. 41–46. <scopus>
6. W.A.Alnoaimi, M. M. Khalil, A. KH., Abbas Calculation of Quality of ISP Services in Central Region of Iraq Using Statistics, Intellectual Technologies on Transport, 2019,p-61.
7. Khomonenko, A.D., Degtyarev, V.G., Khalil, M.M., Analysing the efficiency of a cloud computing system with a WEB Interface by numerical calculation non-Markovian multichannel system with 'cooling', Proceedings of 2017 20th IEEE International Conference on Soft Computing and Measurements, SCM 2017, pp. 120–123. <scopus>
8. Khomonenko, A.D., Gindin, S.I., Khalil M.M.,A cloud computing model using multi-channel queuing system with cooling, Proceedings of the 19th International Conference on Soft Computing and Measurements, SCM 2016, 2016, pp. 103–106. <scopus>
9. Khomonenko, A.D., Khalil, M.M., Kassymova, D.T., Probabilistic models for evaluating the performance of cloud computing systems with web interface, SPIIRAS Proceedings, 2016, 6(49), pp. 49–65. <scopus>
10. Khalil M.M., Khomonenko A.D., Lokhvitskiy V.A., Calculation of waiting time distribution in multi-channel non-markovian queuing systems with "cooling" and "heat-up", High Tech In Earth Space Research 9 (4), 2017, pp-88.
11. Khalil M.M., Andruk A., Testing of Software for Calculating a Multichannel Queuing System with "Cooling" and E2-approximation, Intellectual Technologies on Transport, 2016.
12. W. M. Al-Waely, M.M. Khalil, Applying fuzzy set method for solving mechanical engineering problems (Determining residual service life), Iraqi Journal for Electrical And Electronic Engineering 6(1):73-77.