Academic Curriculum Vitae

Personal Information:

Full Name: Qahhar Muhammad Qadir
Academic Title: Lecturer
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Mobile:

Education:

2012-2016	USQ	Queensland, Australia
PhD in Computer Systems Engineering		

1999-2001	IIUM	KL, Malaysia
M.Sc. in Computer and Information Engineering (MSCIE)		

1988-1993	Salahaddin University-Erbil	Erbil, Iraq
B.Sc. in Electronics & Communications Engineering		

Employment:

Lecturer
1993-present	Salahaddin University-Erbil	Erbil, Iraq

Qualifications

- Cisco Certified Network Professional (CCNP)
- Cisco Certified Network Associate (CCNA)
- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Systems Administrator (MCSA)
- SonicWALL certified
- Certificate in E-Government from MSM, the Netherlands

Teaching experience:

- Teaching subjects in the area of Computer Systems Engineering
- Supervision of undergraduate and graduate students
- Conducting research in the area of IoT, Wireless technologies, industry 4.0

Research and publications

- Qadir M., Q., "Analysis of the Reliability of LoRa", IEEE Communications Letters, Vol. 25, No. 3, 2021.
- Qadir M. Q., Tarik A. Rashid, Nawzad K. Al-Salihi, Birzo Ismael, Alexander A. Kist, Zhongwei Zhang, "Low Power Wide Area Networks: A Survey of Enabling Technologies, Applications and Interoperability Needs", IEEE Access, Vol. 16, 2018.
- Qadir M., Q., Kist, A. A. and Zhang Z., "A QoE-Aware Cross-Layer Architecture for Video Streaming Services", Computer Networks, 2016.
- Qadir M., Q., Kist, A. A. and Zhang Z., "A novel traffic rate measurement algorithm for QoE-aware video admission control", IEEE Transaction on Multimedia, Vol. 17, no. 5, pp. 711-722, May 2015.
- Qadir M., Q., Kist, A. A. and Zhang Z., "The probability relationship between videos instantaneous and average aggregate rates", Multimedia Tools and Applications, Vol. 74, no. 9, pp. 1-6, May 2015.
- Qadir M., Q., Kist, A. A. and Zhang Z., "Mechanisms for QoE optimisation of video traffic: a review paper", Australasian Journal of Information, Communication Technology and Applications, Vol. 1, no.1, pp. 1-18, March 2015.

Conferences and courses attended

- Qadir, S. and Kist, A. A., "Quality of experience enhancement through adapting sender bit rate", IEEE TENCON Spring Conference, Sydney, Australia, April 2013.
- Qadir, S. and Kist, A. A., "Video-aware measurement-based admission control", IEEE ATNAC Conference, Christchurch, New Zealand, November 2013.
- Qadir, S., Kist, A. A. and Zhang Z., "QoE-Aware Cross-Layer Architecture for Video Traffic over Internet", IEEE TENSYMP, Kuala Lumpur, Malaysia, April 2014.
- Qadir, Q., Kist, A. A. and Zhang Z., "Optimization of Quality of Experience for Video Traffic", the 22nd International Conference on Telecommunications, Sydney, Australia, April 2015.
- S Al-Irhayim, JA Zubairi, Q Mohammad, SA Latif, "Issues on voice over Diffserv/MPLS domain", Parallel and Distributed Computing and Systems, Las Vegas, Nevada, USA, November 2000.

- S Al-Irhayim and Qahhar M. Qadir, "Implementing Per-EF Aggregate Admission Control at the ingress of a Diffserv domain", International Conference on Information & Communication Technology (ICT 2004), Bangkok, Thailand, November 2004.

Funding and academic awards

Professional memberships

- IEEE
- Kurdistan Engineers Union
- Kurdistan Teachers Union

Professional Social Network Accounts:

- Researchgate: https://www.researchgate.net/profile/Qahhar-Qadir,
- Google Scholar: https://scholar.google.com/citations?user=scXGKFAAAAAJ&hl=en&oi=sra,
- Linkedin: https://www.linkedin.com/in/qahhar-qadir-91234696/
- ORCID: https://orcid.org/0000-0002-5702-8712,