

Personal Information

Name	Rizik M. H. Al-Sayyed
Place and date of birth	Jericho 21-9-1963
Faculty	King Abdullah II School of Information Technology
Department	Information Technology

Qualifications

Qualification	Specialization	University of donor rank	Date
PhD	Computer Science	Leeds Beckett University (Old name Leeds Metropolitan University)	2007
High Diploma	Research Methodology	Leeds Beckett University (Old name Leeds Metropolitan University)	2007
Master	Computer Science	Western Michigan University	1995
Bachelor	Computer Science	The University of Jordan	1984

Specialization and domain of interest

General Specialty	Computer Science
Specialization	Simulation, Computer Networks, Cloud Computing, Algorithms Optimization, and Databases
Domain of interest	<ul style="list-style-type: none"> • Computer networking performance • Cloud computing • Simulation • Algorithms optimization • Databases (relational and big) • Data Visualization

Title and abstract of the doctoral thesis (within 150 words)
<p>Title: The Performance Requirements for Reliability in Wireless Networks</p>
<p>Abstract: In a wireless environment, the voice over Internet Protocol (VoIP) capacity of the proposed model called Redundancy in Wireless Connection (RiWC) model was checked with and without background traffic. To determine the voice capacity of the model, three Quality of Service (QoS) metrics were checked: jitter, delay, data loss, in addition to the response time and throughput.</p> <p>The thesis contribution to knowledge includes the RiWC model which has been developed to enable continuous on-demand adaptive mobile connection. It involves interoperability between devices on both the wired and the non-wired network. This model has the advantage of being simple, usable, adaptive, personalized and flexible.</p> <p>Another major contribution of this thesis is the ability of the RiWC model to accommodate more VoIP sessions. This model proved to be flexible and able to accommodate mixed traffic, including data-centric and the voice that is highly affected by the QoS measurements.</p>

Career Experience

Job Title	Place of Work	Date
Department Head (4 years), Assistant Dean for Students Affairs, University Website Manager, Faculty staff	The University of Jordan, King Abdullah II School for Information Technology, Amman - Jordan	Since September 6, 2009 until now
Course Coordinator, Curriculum Coordinator, Testing Coordinator, IT Subject Coordinator, Men's Campus Information Technology Coordinator, Director of International Examinations and Licenses, Full Lecturer	United Arab Emirates University - General University Requirements Unit - Al Ain - United Arab Emirates	From August 1996 to August 2009, in two periods
Database Administrator, Systems Analyst	Ministry of Education, Doha - Qatar	Since September 1989 until August 1996
Part time lecturer	Qatar University, Doha - Qatar	Since September 1991 until January 1993
Computer Instructor	Ministry of Education, Amman – Jordan	Since November 1988 until August 1989

Administrative works and committees

Administrative work and committee	Date
Director of the Center for Open Educational Resources and Blended Learning - The University of Jordan	<ul style="list-style-type: none"> Since September 2020 until now
Head of the Information Technology Department - The Information Technology Department - King Abdullah II College of Information Technology - The University of Jordan	<ul style="list-style-type: none"> Since June 2017 until September 2020 (3 years) Since September 2011 until September 2012 (1 year)
University of Jordan Website Manager	<ul style="list-style-type: none"> Since September 2016 until June 2017 (1 Year)
Assistant Dean for Students Affairs	<ul style="list-style-type: none"> Since September 2010 until September 2011

Recent Publications within last five years

Name of researcher(s)	Research title, Publisher, Date
Hassonah, Mohammad A., Rizik Al-Sayyed , Ali Rodan, Al-Zoubi Ala'M, Ibrahim Aljarah, and Hossam Faris.	"An efficient hybrid filter and evolutionary wrapper approach for sentiment analysis of various topics on Twitter." <i>Knowledge-Based Systems</i> 192 (2020): 105353.
Al Qudah, Dana A., Bashar Al-Shboul, Rizik Al-Sayyed , and Alexandra I. Cristea.	"Investigating users' experience on social media ads: perceptions of young users." <i>Heliyon</i> 6, no. 7 (2020): e04378.
Al-Sayyed , Rizik MH, Hijawi Wadi'A, Anwar M. Bashiti, Ibrahim AlJarrah, Nadim Obeid, and Omar YA Al-Adwan.	"An Investigation of Microsoft Azure and Amazon Web Services from Users' Perspectives." <i>International Journal of Emerging Technologies in Learning (iJET)</i> 14, no. 10 (2019): 217-241.
Alazzam, Hadeel, Esraa Alhenawi, and Rizik Al-Sayyed .	"A hybrid job scheduling algorithm based on Tabu and Harmony search algorithms." <i>The Journal of Supercomputing</i> 75, no. 12 (2019): 7994-8011.
MAHMOUD MOSHREF, RIZIK AL-SAYYED , SALEH AL-SHARAEH	"MULTI-OBJECTIVE OPTIMIZATION ALGORITHMS FOR WIRELESS SENSOR NETWORKS: A COMPREHENSIVE SURVEY." <i>Journal of Theoretical and Applied Information Technology (JATIT)</i> 31st July 2020. Vol.98. No 14
Moshref, Mahmoud, and Rizik Al-Sayyad .	"Developing ontology approach using software tool to improve data visualization (case study: computer network)." <i>Int. J. Mod. Educ. Comput. Sci. (IJMECS)</i> 11, no. 4 (2019): 32-39.
Ghatasheh, Nazeeh, Hossam Faris, Ibrahim Aljarah, and Rizik MH Al-Sayyed .	"Optimizing software effort estimation models using firefly algorithm." <i>arXiv preprint arXiv:1903.02079</i> (2019).
Al HWAITAT, AHMAD K., SAHER MANASEER, and RIZIK MH AL-SAYYED .	"A SURVEY OF DIGITAL FORENSIC METHODS UNDER ADVANCED PERSISTENT THREAT IN FOG COMPUTING ENVIRONMENT." <i>Journal of Theoretical and Applied Information Technology</i> 97, no. 18 (2019).
Bagaeen, Aroba, Sawsan Al-Zoubi, Rizik Al-Sayyed , and Ali Rodan.	"Storage as a Service (STaaS) Security Challenges and Solutions in Cloud Computing Environment: An Evaluation Review." In <i>2019 Sixth HCT Information Technology Trends (ITT)</i> , pp. 208-213. IEEE, 2019.
Abu-Srhan, Alaa, B. Alhammad, S. Al, and R. Al-Sayyed .	"Visualization and Analysis in Bank Direct Marketing Prediction." <i>Int. J. Adv. Comput. Sci. Appl</i> 10, no. 7 (2019): 651-657.

Alzaqebah, Abdullah, Rizik Al-Sayyed , and Raja Masadeh.	"Task Scheduling based on Modified Grey Wolf Optimizer in Cloud Computing Environment." In <i>2019 2nd International Conference on new Trends in Computing Sciences (ICTCS)</i> , pp. 1-6. IEEE, 2019.
Qaisi, Laila M., Ali Rodan, Kefaya Qaddoum, and Rizik Al-Sayyed .	"Customer churn prediction using data mining approach." In <i>2018 Fifth HCT Information Technology Trends (ITT)</i> , pp. 348-352. IEEE, 2018.
Al-Sayyed, Manar Rizik, Faten Hamad, Rizik Al-Sayyed , and Hussam N. Fakhouri.	"An Enhanced Approach for Automation the Diagnosis of Iron Deficiency Anemia Based on Quantitative Analysis of Red Blood Cells in Intestine Villi Tissue." <i>Modern Applied Science</i> 12, no. 12 (2018).
Taha, Nashrawan, Rizik Al-Sayyed , and Ali Rodan, eds.	<i>Social Media Shaping E-Publishing and Academia</i> . Springer International Publishing, 2017.
Al-Sayyed, Rizik MH , Feras F. Namous, AlMonther H. Alkhalafat, Bashar Al-Shboul, and Samar Al-Saqqa.	"New Synchronization Algorithm Based on Delta Synchronization for Compressed Files in the Mobile Cloud Environment." <i>International Journal of Communications, Network and System Sciences</i> 10, no. 4 (2017): 59-74.
Al-Sayyed, Rizik MH , Hussam N. Fakhouri, Sharefa F. Murad, and Sandi N. Fakhouri.	"CACS: Cloud Environment Autonomic Computing System." <i>Journal of Software Engineering and Applications</i> 10, no. 03 (2017): 273.
Alqatawna, Ja'far, Alia Madain, Al-Zoubi Ala'M, and Rizik Al-Sayyed .	"Online social networks security: Threats, attacks, and future directions." In <i>Social Media Shaping e-Publishing and Academia</i> , pp. 121-132. Springer, Cham, 2017.
Shaheen, Ameen, Rizik Al-Sayyed , and Azzam Sleit.	"Improving visual analyses and communications of ontology by dynamic tree (case study: computer system)." <i>International Journal of Advanced and Applied Sciences</i> 4, no. 5 (2017): 62-66.
Al-Sayyed, R. M. , Hussam N. Fakhouri, Ali Rodan, and Colin Pattinson.	"Polar particle swarm algorithm for solving cloud data migration optimization problem." <i>Modern Applied Science</i> 11, no. 8 (2017): 98.
Al-Sayyed, Rizik MH , Esam Y. Al-Nsour, and Laith M. Al-Omari.	"Extending Auditing Models to Correspond with Clients' Needs in Cloud Environments." <i>International Journal of Communications, Network and System Sciences</i> 9, no. 09 (2016): 347.
Obeidat, Bader Yousef, Rizik MH Al-Sayyed , Esam Y. Al-Nsour, and Laith M. Al-Omari.	"Scientific research." <i>International Journal of Communications, Network and System Sciences</i> 9, no. 11 (2016).

Scientific conferences and symposia

Conference Title	Place and date of conference	Type of Participation
The 2 nd International Conference on New Trends in Computer Science (ICTCS'19)	Amman – Jordan October 9-11, 2019	Attendee
The 5 th International Conference on E-Publishing ICEPUB2019	Amman - Jordan 24 th - 26 th September, 2019	Scientific and organizing Committee
The 4 th International Conference on E-Publishing ICEPUB2018	Amman - Jordan 10 th - 12 th September, 2018	Scientific and organizing Committee
The 3 rd International Conference on E-Publishing	Amman - Jordan July 25 – 27, 2017	Scientific and organizing Committee

Training courses

S.	Course Name	Duration	Date(s)	Country
1	Postgraduate Certificate Research Methodology (PGCRM)	1 Yr	July 2, 2007	Leeds, UK
2	ICDL Expert Certificate	5 Days	Dec. 15, 2008	Dubai
3	IC ³ Authorized Instructor (CertiPort)	5 Days	January 6, 2006	USA
4	CTP Training Professional	5 Days	Dec. 6, 2005	Dubai, UK
5	All Advanced ICDL Exams	Exams	June 12-14, 2007	UK
6	Miscrosoft Office Specialist MASTER INSTRUCTOR: Ppt, WRD, ACC, EXC, OUTL	Exams	January 6, 2006	UK
7	Miscrosoft Office Specialist in MS Outlook 2002	Exam	May 24, 2005	UK
8	Miscrosoft Office Specialist MASTER: PPT, WRD, ACC, EXC	Exams	May 18, 2005	UK
9	Miscrosoft Office Specialist in MS Excel 2002 EXPERT	Exam	May 18, 2005	UK
10	Miscrosoft Office Specialist in MS Access 2002	Exam	May 16, 2005	UK
11	Miscrosoft Office Specialist in MS Word 2002 EXPERT	Exam	May 15, 2005	UK
12	Miscrosoft Office Specialist in MS PowerPoint 2002	Exam	May 10, 2005	UK
13	Miscrosoft Office Specialist in MS Excel 2002	Exam	May 8, 2005	UK
14	Miscrosoft Office Specialist in MS Word 2002	Exam	May 7, 2005	UK
15	Instructor Certification Program (ICP) – Certified Instructor	90 Hrs	May 29, 2003	ExecuTrain, Dubai
16	Administering MS Windows NT 4.0	75 hrs	March 21, 1999	UAE
17	Supporting MS Windows NT 4.0 Core Technologies	75 hrs	April 28, 1999	UAE
18	OSF/1 Commands Utilities	40 Hrs	7/1/95 - 11/1/95	Qatar
19	OSF/1 Technichal Overview	8 Hrs	12/1/95	Qatar
20	OSF/1 System Administration	40 Hrs	30/1/95 - 4/2/95	Qatar
21	Introduction To PC Networking and Integration	8 Hrs	14/2/95	Qatar
22	Pathworks V5. Basic User	8 Hrs	15/3/95	Qatar
23	Pathworks V5. Administration	16 hrs	16/3/95 - 17/3/95	Qatar
24	Oracle SQL*Plus	32 Hrs	25/3/95 - 28/3/95	Qatar
25	Oracle – Using Procedural Options	16 Hrs	29/3/95 - 30/3/95	Qatar
26	Oracle SQL*Forms 3.0	40 Hrs	1/4/95 - 5/4/95	Qatar
27	Programming in C Language	40 Hrs	22/4/95 - 26/4/95	Qatar
28	Pathworks V5. Installing and Configuring OSF/1 Server	24 Hrs	15/5/95 - 18/5/95	Qatar
29	Pathworks V5. Installing and Configuring Mutivendor Client	24 Hrs	20/5/95 - 22/5/95	Qatar
30	Oracle Report Writer	24 Hrs	30/5/95 - 1/6/95	Qatar
31	Oracle DBA – I	32 Hrs	3/6/95 - 6/6/95	Qatar
32	Oracle DBA – II	32 Hrs	28/10/95 - 31/10/95	Qatar
33	Oracle Forms 4.5	32 Hrs	1/11/95 - 5/11/95	Qatar
34	Oracle Reports 2.5	32 Hrs	6/11/95 - 9/11/95	Qatar
35	Digital Unix Network Management	32 Hrs	11/11/95 - 14/11/95	Qatar
36	Digital Unix Security	24 Hrs	18/11/95 - 20/11/95	Qatar

37	HP-UX Fundamentals and Operations	10 Days	5/12/92	Qatar
38	IT and Education, St Mark and St John College	5 Months	15/3/88 – 5/8/88	Plymouth, UK
39	Computer Awareness	6 Months	2/1988 - 8/1988	UK

Teaching activities

Taught Courses	Bachelor	Graduate
Database Management Systems	<input checked="" type="checkbox"/>	
Database Languages and Tools	<input checked="" type="checkbox"/>	
Computer Simulation in Business	<input checked="" type="checkbox"/>	
Web applications Development – 2	<input checked="" type="checkbox"/>	
Social Media Networks	<input checked="" type="checkbox"/>	
Discrete Math	<input checked="" type="checkbox"/>	
Logic Design	<input checked="" type="checkbox"/>	
Computer Skills (C++)	<input checked="" type="checkbox"/>	
Fundamentals of Computer Science	<input checked="" type="checkbox"/>	
Computer Basics	<input checked="" type="checkbox"/>	
Cloud Computing		<input checked="" type="checkbox"/>
eGovernemnt Infrastructure		<input checked="" type="checkbox"/>
Research Methodology		<input checked="" type="checkbox"/>
Special Topics for master		<input checked="" type="checkbox"/>
Information Visualization		<input checked="" type="checkbox"/>
Special Topics for PhD		<input checked="" type="checkbox"/>

Membership in scientific and professional bodies and societies

Name and place of scientific body and society	Date

Awards

Name of Award	Donor and place of award	Date