

# Curriculum Vitae

## Sardar Zafar Iqbal

### Personal Data

Nationality | Pakistani

Date of Birth | April 13, 1982

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### Academic Qualifications

Date	Academic Degree	Institution
2010	Master's in sciences of Computer Science	IQRA University, Karachi Pakistan
2006	Bachelor's in sciences of Computer Science	University of Azad Jammu and Kashmir Pakistan

### Professional Record

Job Rank	Place and Address of Work			Date
Lecturer	Department of Computer Information Systems	College of Computer Science & IT	Imam Abdulrahman Bin Faisal University	2014-Till Now
Lecturer	Department of Computer Science	Qassim Private Colleges	Buraidah Al-Qassim KSA	2011-2014

### Patent

PATENT (US11055137B2) FOR CPU SCHEDULING METHODS BASED ON RELATIVE TIME QUANTUM FOR DUAL CORE ENVIRONMENTS

<https://patents.google.com/patent/US11055137B2/en?inventor=sardar+zafar+iqbal&oq=sardar+zafar+iqbal>

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## Publications

Publication Type	Author(s)	Title of Publication	Journal / Conf./ Publisher	Status	URL of the Online Publication
Journal Paper	Farmanullah Jan, Nasro Min-Allah, Saqib Saeed, Sardar Zafar Iqbal, Rashad Ahmed	IoT-Based Solutions to Monitor Water Level, Leakage, and Motor Control for Smart Water Tanks	Water, MDPI (IF=3.103)	Published 2022	<a href="https://www.mdpi.com/2073-4441/14/3/309">https://www.mdpi.com/2073-4441/14/3/309</a>
Journal Paper	Hina Gull, Saqib Saeed, Sardar Zafar Iqbal, Yasser A Bamarouf, Mohammed A Alqahtani, Dina A Alabbad, Madeeha Saqib, Saeed Hussein Al Qahtani, Albandatory Alamer	An Empirical Study of Mobile Commerce and Customers Security Perception in Saudi Arabia	Electronics, MDPI (IF=2.397)	Published 2022	<a href="https://www.mdpi.com/2079-9292/11/3/293">https://www.mdpi.com/2079-9292/11/3/293</a>
Journal Paper	Sardar Zafar Iqbal, Hina Gull, Saqib Saeed, Madeeha Saqib, Mohammed Alqahtani, Yasser A. Bamarouf, Gomathi Krishna, and May Issa Aldossary	Relative Time Quantum-based Enhancements in Round Robin Scheduling	Computer Systems Science and Engineering (IF=1.486)	Published 2022	<a href="https://www.researchgate.net/profile/Hina-Gull-2/publication/355494875_Relative_Time_Quantum-based_Enhancements_in_Round_Robin_Scheduling/links/61763d94eef53e51e1e46f60/Relative-Time-Quantum-based-Enhancements-in-Round-Robin-Scheduling.pdf">https://www.researchgate.net/profile/Hina-Gull-2/publication/355494875_Relative_Time_Quantum-based_Enhancements_in_Round_Robin_Scheduling/links/61763d94eef53e51e1e46f60/Relative-Time-Quantum-based-Enhancements-in-Round-Robin-Scheduling.pdf</a>

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Journal Paper	Saqib Saeed, Abdullah M Almuhaideb, Yasser A Bamarouf, Dina A Alabaad, Hina Gull, Madeeha Saqib, Sardar Zafar Iqbal, Asiya Abdus Salam	Sustainable Program Assessment Practices: A Review of the ABET and NCAAA Computer Information Systems Accreditation Process	Environmental Research and Public Health, MDPI <b>(IF=3.390)</b>	Published 2021	<a href="https://www.mdpi.com/1660-4601/18/23/12691">https://www.mdpi.com/1660-4601/18/23/12691</a>
Book Chapter	Madeeha Saqib, Tooba Nasir, Hina Gull, Dina A Alabbad, Sardar Zafar Iqbal	Challenges and Implications of Digital Transformation in Higher Education: A Student Perspective from Pakistan and Saudi Arabia	Pandemic, Lockdown, and Digital Transformation Springer	Published 2021	<a href="https://link.springer.com/chapter/10.1007/978-3-030-86274-9_9">https://link.springer.com/chapter/10.1007/978-3-030-86274-9_9</a>
Conference Paper	Hina Gull, Gomathi Krishna, May Issa Aldossary, Sardar Zafar Iqbal	Severity Prediction of COVID-19 Patients using Machine Learning Classification Algorithms: A Case Study of Small City in Pakistan with minimal health facility	6 <sup>th</sup> IEEE International conference on communication and collaboration	Presented and Published	<a href="https://ieeexplore.ieee.org/abstract/document/9344984">https://ieeexplore.ieee.org/abstract/document/9344984</a>
Conference Paper	Hina Gull, Saqib Saeed, Sardar Zafar Iqbal, Madeeha Saqib, Albandary Alamer, Wiem Khalefa	COVID-19 lockdown and Mental Well Being: A Study of Pakistan and Saudi Arabia	36 <sup>th</sup> IBIMA Conference Spain	Accepted and in press for Publication 2020	<a href="https://ibima.org/accepted-paper/covid-19-lockdown-and-mental-well-being-a-study-of-pakistan-and-saudi-arabia/">https://ibima.org/accepted-paper/covid-19-lockdown-and-mental-well-being-a-study-of-pakistan-and-saudi-arabia/</a>
Conference Paper	Hina Gull, Madeeha Saqib, Sardar Zafar Iqbal, Saqib Saeed	Improving Learning Experience of Students by Early Prediction of Student Performance using Machine Learning	2020 IEEE INTERNATIONAL CONFERENCE FOR INNOVATION IN TECHNOLOGY	Published	<a href="https://ieeexplore.ieee.org/document/9298266">https://ieeexplore.ieee.org/document/9298266</a>

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Conference Paper	Sardar Zafar Iqbal, Albandary Alamer, Hina Gull, Wiem Khalifa	Organizational Citizenship Behavior and Resonant Leadership, Analyzing Mediation Effect of Employee Resilience in Saudi Arabian Companies	The 2020 4th International Conference on Business and Information Management (ICBIM 2020)-ACM	Presented and Published 2020	<a href="https://dl.acm.org/doi/10.1145/3418653.3418654">https://dl.acm.org/doi/10.1145/3418653.3418654</a> .
Conference Paper	Sardar Zafar Iqbal, Dania Huzam, Norah Aleliwi, Asma Alabdulkareem, Shikah Alalyani, Shaikha Alfaris. Hina Gull	Smart Fair Guide: Requirements and Design of a Smart Fair Management System	2020 3rd International Conference on Computer Applications & Information Security (ICCAIS)	Published 2020	<a href="https://ieeexplore.ieee.org/document/9096722">https://ieeexplore.ieee.org/document/9096722</a>
Journal Paper	Aamir Shafi, Saqib Saeed, Yasser A. Bamarouf, Sardar Zafar Iqbal, Nasro Min-Allah, Mohammed A. Alqahtani	Student Outcomes Assessment Methodology for ABET Accreditation: A Case Study of Computer Science and Computer Information Systems Programs	IEEE Access doi: 10.1109/ACCESS.2019.2894066 2019  <b>Impact Factor: 4.098</b>	Published 2019	<a href="https://ieeexplore.ieee.org/document/8620683">https://ieeexplore.ieee.org/document/8620683</a>
Journal Paper	Mehwash Farooqui, Hina Gull, Mahira Ilyas, Sardar Zafar Iqbal, Mohammad Aftab Khan; KrishnaGomathi; Ahmed, Mohammed Salih	Improving Mental Healthcare Using a Human Centered Internet of Things Model and Embedding Homomorphic Encryption Scheme for Cloud Security	Journal of Computational and Theoretical Nanoscience, Volume 16, Numbers 5-6, May 2019, pp. 1806-1812(7)	Published 2019	<a href="https://www.ingentaconnect.com/content/asp/jctn/2019/00000016/f0020005/art00009">https://www.ingentaconnect.com/content/asp/jctn/2019/00000016/f0020005/art00009</a>
Journal Paper	Madeeha Saqib, Tooba Nasir, Saqib Saeed, Sardar Zafar Iqbal, Hina Gull	Web 2.0 Usage among Students for Academic Activities: A study of Computing Undergraduate Students in Pakistan	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 8 (2019) pp. 1892-1897	Published 2019	<a href="https://www.ripublication.com/ijae_r19/ijaerv14n8_19.pdf">https://www.ripublication.com/ijae_r19/ijaerv14n8_19.pdf</a>

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Journal Paper	Hina Gull , Sardar Zafar Iqbal , Saeed Hussein Al_Qahtani , Reem A. Alassaf , Mahi M. Kamaleldin	Impact of Social Media Usage on Married Couple Behavior a Pilot Study in Middle East	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 6 (2019) pp. 1368-1378	Published 2019	<a href="https://www.ripublication.com/ijae_r19/ijaerv14n6_23.pdf">https://www.ripublication.com/ijae_r19/ijaerv14n6_23.pdf</a>
Conference Paper	Saqib Saeed, Sardar Zafar Iqbal, Hina Gull, Yasser Bamarouf, Mohammed Alqahtani	Collaboration at Workplace: Technology Design Challenges of Segregated Work Environments	2019 Third IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019)	Published 2019	<a href="https://ieeexplore.ieee.org/document/8869102">https://ieeexplore.ieee.org/document/8869102</a>
Conference Paper	Hina Gull, Mahwash Farooqui, Mahira Illyas, Sardar Zafar Iqbal, Aftab Khan, Gomathi Krishna	Impact of Social Media on Emotional State of Saudi Female Millennials in Eastern Province of Saudi Arabia	The 2018 International Conference on Computational Science and Computational Intelligence USA	Published 2019	<a href="https://ieeexplore.ieee.org/document/8947859">https://ieeexplore.ieee.org/document/8947859</a>
Journal Paper	Hina Gull, Sardar Zafar Iqbal, Saqib Saeed, Mohammad Alqahtani, Yasser Bamarouf,	Design and Evaluation of CPU Scheduling Algorithms Based on Relative Time Quantum: Variations of Round Robin Algorithm	Journal of Computational and Theoretical Nanoscience, Vol. 15 No. 8, August 2018 (2483–2488 (2018)	Published 2018	<a href="http://www.aps.com/ctn.html">http://www.aps.com/ctn.html</a>
Conference Paper	Hina Gull, Sardar Zafar Iqbal	Reflection in Teaching Human Computer Interaction to Undergraduate Students	The 2018 International Conference on Computational Science and Computational Intelligence USA	Published 2018	<a href="https://ieeexplore.ieee.org/document/8947678">https://ieeexplore.ieee.org/document/8947678</a>

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Book	Saqib Saeed, Yasser Bamarouf, Sardar Zafar Iqbal	Design Solutions for User-Centric Information System	IGI Global	Published (01/2017 )	<a href="http://www.igi-global.com/book/design-solutions-user-centric-information/169253">http://www.igi-global.com/book/design-solutions-user-centric-information/169253</a>
Book Chapter	Hina Gull, Sardar Zafar Iqbal	Usability Evaluation of E-Government Websites in Saudi Arabia by Cognitive Walkthrough	Design Solutions for User-Centric Information Systems IGI Global	Published (01/2017 )	<a href="http://www.igi-global.com/book/design-solutions-user-centric-information/169253">http://www.igi-global.com/book/design-solutions-user-centric-information/169253</a>
Journal Article	Saqib Saeed, Hina Gull, Sardar Zafar Iqbal	Web 2.0 Usage by Saudi Female Students for Information sharing in Public Sector University: A Pilot Study	International Journal of Public Administration in the Digital Age IJPADA: Volume 4, Issue 3, Article 6 2016.	Published (02/2017 )	<a href="https://www.igi-global.com/journal/international-journal-public-administration-digital/70583">https://www.igi-global.com/journal/international-journal-public-administration-digital/70583</a>
Journal Article	Hina Gul, Sardar Zafar Iqbal, Madeeha Saqib	Usability Evaluation of an Educational Website in Saudi Arabia	VAWKUM Transactions on Computer Sciences.	Published (02/2016 )	<a href="http://vfast.org/journals/index.php/VTCS/article/view/382">http://vfast.org/journals/index.php/VTCS/article/view/382</a>
Journal Article	Hina Gull, Saleh AlRashed, Sardar Zafar Iqbal	Validation of Usability Driven Web based Software Process Model using Simulation	Procedia Computer Science Elsevier, Volume 62, 2015	Published (09/2015 )	<a href="http://www.sciencedirect.com/science/article/pii/S1877050915026551">http://www.sciencedirect.com/science/article/pii/S1877050915026551</a>
Book	Sardar Zafar Iqbal, Hina Gull	Book: Development of New Sorting Algorithms: Novice Addition to Sorting World	LAP LAMBERT Academic Publishing (November 21, 2012)	Published (11/2012 )	<a href="https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-8383-3281-9/development-of-new-sorting-algorithms">https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-8383-3281-9/development-of-new-sorting-algorithms</a>

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Journal Article	Hina Gull, Farooque Azam, Sardar Zafar Iqbal	Design of Novel Usability Driven Software Process Model	International Journal of Computer Science and Information Security. Issue Date: December 2010, publishing date: January 2011 On Page (s) :46-53 Volume:8 Issue:9 ISSN: 1947-5500	Published (Dec 2010)	<a href="https://sites.google.com/site/ijcsis/vol-8-no-9-dec-2010">https://sites.google.com/site/ijcsis/vol-8-no-9-dec-2010</a>
Conference Paper	Sardar Zafar Iqbal, Hina Gull, Abdul Wahab Muzaffar	A New Friends Sort Algorithm	2nd IEEE International Conference on Software Engineering and Information Technology	Published (08/2009)	<a href="http://ieeexplore.ieee.org/document/5234550/">http://ieeexplore.ieee.org/document/5234550/</a>
Conference Paper	Sardar Zafar Iqbal, Hina Gull, Jamil Ahmed	An Incremental Sort Algorithm	2nd IEEE International Conference on Computer and Electrical Engineering.	Published (12/2009)	<a href="http://ieeexplore.ieee.org/document/5380467/">http://ieeexplore.ieee.org/document/5380467/</a>
Conference Paper	Hina Gull, Farooque Azam Wasi Haider Butt, Sardar Zafar Iqbal	A New Divide and Conquer Software Process Model	International Conference on Computer, Electrical, and Systems Science, and Engineering	Published (12/2009)	<a href="http://waset.org/publications/6039/a-new-divide-and-conquer-software-process-model">http://waset.org/publications/6039/a-new-divide-and-conquer-software-process-model</a>
Conference Paper	Sardar Zafar Iqbal, MohammadalHasan Ismail, Hina Gull	New Relative Concatenate Sorting Algorithm	IEEE International Conference of Computer Science and Automation Engineering.	Published (05/2012)	<a href="http://ieeexplore.ieee.org/document/6272536/">http://ieeexplore.ieee.org/document/6272536/</a>

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## Administrative Work

#	Position	College	From	to
1)	Member of Accreditation Committee	College of Computer Science & IT, University of Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2014	Now
2)	Member of CIS Program Quality Unit	College of Computer Science & IT, University of Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2020	Now
3)	Member of Practical Teaching Committee	College of Computer Science & IT, University of Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2020	Now
4)	Member of Strategic Planning Committee	Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2017	2019
5)	Member of Showcase and Innovation Committee	Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2017	2018
6)	Member of Student Advising Committee	Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2017	2020
7)	Member of System Design Knowledge Group	Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia	2017	2019

## Student Senior Project Supervision

Supervisor of undergraduate student senior project at College of Computer Science & IT, University of Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia

Co- supervisor of undergraduate student senior project at College of Computer Science & IT, University of Imam Abdulrahman Bin Faisal University Dammam Saudi Arabia

## Current Research

1. Digitization of Educational System in Public Sector Universities
2. Use of Twitter in Pakistani Political Discourse and Sentiment Analysis of political tweets using Python

## Personal Key Competencies and Skills

1	<b>Language:</b> C#, ASP.Net, C, C++, Java
2	<b>Database:</b> MS SQL Server, MYSQL
3	<b>Web based System:</b> PHP, CSS, HTML5.0



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## Courses Taught

1.	Data and Information Management
2.	Web based System
3.	Database Management System
4.	Database Concepts and Design
5.	Fundamentals of Information System
6.	Software Engineering
7.	Operating Systems
8.	Human Computer Interaction
9.	System Analysis and Design
10.	Software Quality Assurance
11.	Algorithm Analysis and Design