Sidra Sultana

Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Sidra Sultana is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Sidra Sultana has a PhD in Software Modeling And Verification In Real Time Systems. Dr. Sidra Sultana has published 9 research articles & conference papers having a citation count of 14, carried out 1 projects and filed 4 intellectual property.

Qualifications

PhD in Software Modeling And Verification In Real Time Systems   2013 - 2018
  NUST, Islamabad , Pakistan

MS in Aspect Oriented Programming   2010 - 2013
  NUST, Islamabad , Pakistan

BE in Software Engineering   2010 - 2010
  Fatima Jinnah Women University , Pakistan

Experience

Assistant Professor   2019- Present
  School of Electrical Engineering and Computer Science

HoD Computing   2015 - 2019
  Abasyn University Islamabad Campus , Park Road, Chak Shahzad

Software Engineer   2011 - 2012
  Yuztech , Gulshan a abad, Rawalpindi

Software Engineer   2010 - 2010
  DiscreteLogix , STP

Awards

Research Projects

National Projects

Zero-G Mysteries: Biomechanics of Astronauts in Microgravity using joint based mechanical loading simulations   2024
  Funding Agency: NUST
  Amount: PKR 1,000,000.00
  Status: Approved_inprocess

International Projects

Research Articles

A comparison of the effects of individual and team participation in gamified lessons on assessment performance

2024

Fahad Ansari Tahira Anwar Lashari Farzana Jabeen Sidra Sultana Sana Anwar Lashari

Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition), Volume 43, Issue 08, Pages 87-106

Impact Factor: N/A
DOI: 10.5281/zenodo.13284791

Kahoot: A game-based web tool to assess motivation, engagement fun, and learning outcomes among engineers

2023

Tahira Anwar Lashari Rimsha Fiayaz Saima Anwar Lashari Ijaz Khan Sidra Sultana Tashfa Afzal

Computer Applications in Engineering Education, Pages 1-24

Impact Factor: 2.9 | **Quartile:** 2 | **Citations:** 8
DOI: https://doi.org/10.1002/cae.22684

Computational Conversion via Translation Rules for Transforming C++ Code Into UPPAAL's Automata

2017

Fahim Arif Sidra Sultana

IEEE Access, Volume 5, Pages 14455-14467

Impact Factor: 3.557 | **Quartile:** 1 | **Citations:** 6
DOI: 10.1109/ACCESS.2017.2728860

From Verification to Implementation: UPPAAL to C++

2016

Sidra Sultana Fahim Arif

American Journal of Engineering Research, Volume 5(7), Pages 269-274

Impact Factor: -
DOI: -

The Proposed Blended-MDA for Software Modeling in Architecture Phase

2016

Sidra Sultana Fahim Arif Iqra Javaid

American Journal of Engineering Research (AJER), Volume-5, Issue-7, Pages 275-279

Impact Factor: -
DOI: -

Conference Proceedings

Leukemia Cancer Classification using Micro Gene Array Dataset

2024

Shifa Fatima Nazia Perwaiz Sidra Sultana Farzana Jabeen Nazia Perwaiz Tahira Anwar Lashari

21st International Conference on Frontiers of Information Technology (FIT'24), res.country(177,)

Citations: N/A
DOI: Nil

Modeling and Verification of Car Parking System

2019

HADIQA ALAMDAR BUKHARI Sidra Sultana

ICSEA 2019 : The Fourteenth International Conference on Software Engineering Advances, res.country(68,)

Citations: N/A
DOI: ISBN: 978-1-61208-752-8

Lightweight Virtual Machine Mapping for Data Centers

2019

Aaqif Afzaal Abbasi Mohammed A. A. Al-qaness Ammar Hawbani Sameen Javed Sunghwan Kim Sidra Sultana

2019 IEEE International Conferences on Ubiquitous Computing & Communications (IUCC) and Data Science and Computational Intelligence (DSCI) and Smart Computing, Networking and Services (SmartCNS), res.country(48,)

Citations: N/A
DOI: 10.1109/IUCC/DSCI/SmartCNS.2019.00080

Separation of Concerns and Code Enhancement: Aspect Oriented Programming Vs Customization Approach Followed in Open Source Softwares

2013

Fahim Arif Sidra Sultana

8th International Conference on Software Engineering Advances held from 27 Oct to 01 Nov 2013 in Italy, res.country(109,)

Citations: N/A
DOI: -

Editorial Activities

Reviewed Papers for Journals

2019

Reviewed Papers for Journals

2019

Reviewed Papers for Journals

2019

Edited Journal Issue / Proceeding / Book

Intellectual Property

Copyrights

Criclions   2023
  Status: Filed

User Interface of Criclion   2023
  Status: Filed

Intelligent Grepbing   2023
  Status: Filed

User Interface of Intelligent Grepbing   2023
  Status: Filed

Patents

Industrial Designs

Trademarks