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I am Professor Dr. Ayad Barzanji, President of Al-Kitab University, and I am a professor of Post-graduate and undergraduate studies in computer science, information systems, and software engineering. Editor, consultant, evaluation board member, and program committee member in various international journals and conferences.

My research interests are in mobile networks, cloud computing, semantic web, distributed systems, bioinformatics and Biocomputing. Expert and consultant in education, training and curriculum development.

Field of study:

General specialty: computer science

Specific specialization: Information system, bioinformatics, biomedical engineering, healthcare system, web management applications, mobile network, cloud computing.

Research fields and published research:

Research areas:

1. Mobile phone networks.
2. Embedded/intelligent systems.
3. Distributed systems.
4. Information systems/health care.
5. Bioinformatics, Biocomputing.
6. Biomedical engineering and biotechnology.
7. Artificial intelligence

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A number of my published researches in global databases:

1. Ayad Ghany Ismaeel, Krishnadas Janardhanan, Manishankar Sankar, Yuvaraj Natarajan, Sarmad Nozad Mahmood, Sameer Alani, Akram H. Shather: Traffic Pattern Classification in Smart Cities Using Deep Recurrent Neural Network. CoRR abs/2401.13794 (2024).
2. Ayad Ghany Ismaeel, S. J. Jereesha Mary, C. Anitha, Jaganathan Logeshwaran, Sarmad Nozad Mahmood, Sameer Alani, Akram H. Shather: An Enhanced Analysis of Traffic Intelligence in Smart Cities Using Sustainable Deep Radial Function. CoRR abs/2402.09432 (2024).
3. Izzat Aldarrajji, Ayad Kakei, Ayad Ghany Ismaeel, Georgios Tsaramirsis, Fazal Qudus Khan, Princy Randhawa, Muath Alrammal, Sadeeq Jan: Takagi-Sugeno Fuzzy Modeling and Control for Effective Robotic Manipulator Motion. CoRR abs/2112.03006 (2021).
4. Ayad Ghany Ismaeel, Dina Y. Mikhail: Effective Data Mining Technique for Classification Cancers via Mutations in Gene using Neural Network. CoRR abs/1608.02888 (2016).
5. Ayad Ghany Ismaeel, Raghad Zuhair Yousif: Novel Mining of Cancer via Mutation in Tumor Protein P53 using Quick Propagation Network. CoRR abs/1505.06751 (2015).
6. Ayad Ghany Ismaeel, Dina Y. Mikhail: Design of Locally E-management System for Technical Education Foundation-Erbil. CoRR abs/1402.1880 (2014).
7. Ayad Ghany Ismaeel, Nur Gaylan Hamead: Mobile GIS and Open Source Platform Based on Android: Technology for System Pregnant Women. CoRR abs/1402.6282 (2014).
8. Ayad Ghany Ismaeel, Raghad Z. Yousif: Simulate High Traffic and Effective Cost an Academic Kurdistan Network Based on DWDM using OPNET. CoRR abs/1409.2484 (2014).
9. Bnar Faisal Daham, Ayad Ghany Ismaeel, Suha A. Abdual-Rahman: TCP Performance for Kurd Messenger Application Using Bio-computing. CoRR abs/1409.5054 (2014).
10. Ayad Ghany Ismaeel, Emad Khadhm Jabar: Effective System for Pregnant Women using Mobile GIS. CoRR abs/1302.3749 (2013).
11. Ayad Ghany Ismaeel, Anar Auda Ablahad: Novel Method for Mutational Disease Prediction using Bioinformatics Techniques and Backpropagation Algorithm. CoRR abs/1303.0539 (2013).

12. Ayad Ghany Ismaeel, Raghad Zuhair Yousif, Essa F. Abdallh: GUI Based Automatic Remote Control of Gas Reduction System using PIC Microcontroller. CoRR abs/1305.0668 (2013).
13. Ayad Ghany Ismaeel, Sanaa Enwaya Rizqo: Optimal Productivity of Succoring Patients System using Mobile GIS Based on WCF Technology. CoRR abs/1305.0673 (2013).
14. Ayad Ghany Ismaeel, Anar Auda Ablahad: Enhancement of a Novel Method for Mutational Disease Prediction using Bioinformatics Techniques and Backpropagation Algorithm. CoRR abs/1306.1850 (2013).
15. Ayad Ghany Ismaeel: New Approach for Prediction Pre-cancer via Detecting Mutated in Tumor Protein P53. CoRR abs/1310.2182 (2013).
16. Ayad Ghany Ismaeel: New Technique for Proposing Network's Topology using GPS and GIS. CoRR abs/1206.0609 (2012).
17. Ayad Ghany Ismaeel, Suha Adham Abdul-Rahman: New Method of Measuring TCP Performance of IP Network using Bio-computing. CoRR abs/1206.0893 (2012).
18. Ayad Ghany Ismaeel: An Emergency System for Succoring Children using Mobile GIS. CoRR abs/1210.1524 (2012).



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