

Academic Resume



Maher Khemakhem

Professor, Computer Science Department

Contact Information.

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Highest Degree.

1987, Ph.D. in Digital Electronics and Computer Science, arabic ocr & distributed systems, University of Paris11, France.

Academic and Professional Experiences.

1. **2016 - 2018**
Full Professor, Jeddah, FCIT, King Abdulaziz University, Jeddah, KSA..
2. **2015 - 2017**
Full Professor, Sfax, Tunisia, ISAA, Sfax, University of Sfax, Tunisia.
3. **2013 - 2016**
Associate Professor, Jeddah, Saudi Arabia, FCIT, King Abdulaziz University, Jeddah, KSA.
4. **2009 - 2015**
Associate Professor, Sfax, Tunisia, ISAA, University of Sfax,.
5. **1988 - 2009**
Assistant Professor, Tunisia, Ministry of higher Education,.

Research Interests.

Distributed Systems and HPC, Arabic OCR, Performance Analysis, Networks and Cyber Security, Internet of Things.

Teaching Interests.

Algorithms design and analysis, Advanced algorithms, Operating systems, Computer Architecture.

Certifications and Trainings.

Social, Scientific and Professional Affiliation.

1. -, Ex Head of the department of Computer Science and Quantitative methods. The Higher Institute of Business administration, ISAAS University of Sfax, Tunisia.
2. -, Ex Member of the scientific committee of The Higher Institute of Business administration, ISAAS University of Sfax, Tunisia.
3. -, Ex Member of the doctoral school of the Higher Institute of Management, University of Sousse, Tunisia.
4. -, Ex Member of the doctoral school of the College of Economy and management Sciences, University of Sfax, Tunisia.

Last Profile Update: May 15, 2024

5. 2009-2020, Member and reviewer, Several international and national Journals (IAJIT, Supercomputing, TALLIP, ...) and conferences (ACIT, AMBIENT, ATSIP, WETICE, PROMASC, ...).
6. -, Ex Invited Member of the doctoral school of the National School of Computer Science, University of Manouba, Tunisia.
7. -, Ex Member of the doctoral school, The National School of Engineers, University of Sfax, Tunisia.
8. -, Ex-Member of several committees of curricula improvement and renewal in Computer Science, Ministry of higher Education, Tunisia.
9. 2014-2018, Ex Committee member of PhD comprehensive Exam, FCIT CS, KAU, Jeddah.

Publications.

1. Asma A. Alhussayen, Kamal Jambi, Maher Khemakhem, Fathy E. Eassa, "A Blockchain Oracle Interoperability Technique For Permissioned Blockchain", Ieee Access, pp. 1-1, 2024.
DOI: [10.1109/ACCESS.2024.3400672](https://doi.org/10.1109/ACCESS.2024.3400672)
2. Mohamed Abdi, Maher Khemakhem, "Offline Text-Independent Arabic And Chinese Writer Identification Using A Multi-Segmentation Codebook-Based Strategy", 13th International Conference On Pattern Recognition Applications And Methods, pp. 613-619, 2024.
DOI: [10.5220/0012297600003654](https://doi.org/10.5220/0012297600003654)
3. Saeed Musaad Altalhi, Fathy Elbouraey Eassa, Abdullah Saad Al-Malaise Al-Ghamid, Sanaa Abdullah Sharaf, Ahmed Mohammed Alghamdi, Khalid Ali Almarhabi, Maher Ali Khemakhem, "An Architecture For A Tri-Programming Model-Based Parallel Hybrid Testing Tool", Applied Sciences, vol: 13, pp. 11960, 2023.
DOI: [10.3390/app132111960](https://doi.org/10.3390/app132111960)
4. Ulaa AlHaddad, Abdullah Basuhail, Maher Khemakhem, Fathy Elbouraey Eassa, Kamal Jambi, "Ensemble Model Based On Hybrid Deep Learning For Intrusion Detection In Smart Grid Networks", Sensors, vol: 23, pp. 7464, 2023.
DOI: [10.3390/s23177464](https://doi.org/10.3390/s23177464)
5. Ulaa AlHaddad, Abdullah Basuhail, Maher Khemakhem, Fathy Elbouraey Eassa, Kamal Jambi, "Towards Sustainable Energy Grids: A Machine Learning-Based Ensemble Methods Approach For Outages Estimation In Extreme Weather Events", Sustainability, vol: 15, pp. 12622, 2023.
DOI: [10.3390/su151612622](https://doi.org/10.3390/su151612622)
6. Zaakki Ahamed, Maher Khemakhem, Fathy Eassa, Fawaz Alsolami, Abdullah Basuhail, Kamal Jambi, "Deep Reinforcement Learning For Workload Prediction In Federated Cloud Environments", Sensors, vol: 23, pp. 6911, 2023.
DOI: [10.3390/s23156911](https://doi.org/10.3390/s23156911)
7. Junaid M. Qurashi, Kamal Jambi, Fawaz Alsolami, Fathy E. Eassa, Maher Khemakhem, Abdullah Basuhail, "Resilient Countermeasures Against Cyber-Attacks On Self-Driving Car Architecture", Ieee Transactions On Intelligent Transportation Systems, pp. 1-30, 2023.
DOI: [10.1109/TITS.2023.3288192](https://doi.org/10.1109/TITS.2023.3288192)
8. Khulud Salem Alshudukhi, Maher Ali Khemakhem, Fathy Elbouraey Eassa, Kamal M. Jambi, "Improving Security In Iot System Using A Blockchain And A Microservices Technology", 2023 International Conference On Business Analytics For Technology And Security (Icbats), pp. 1-5, 2023.
DOI: [10.1109/ICBATS57792.2023.10111311](https://doi.org/10.1109/ICBATS57792.2023.10111311)
9. Junaid Mohammad Qurashi, Muhammad Jawad Ikram, Kamal Jambi, Fathy Elbouraey Eassa, Maher Khemakhem, "Autonomous Vehicles: Security Challenges And Game Theory-Based Countermeasures", 2023 1st International Conference On Advanced Innovations In Smart Cities (Icaisc), pp. 1-6, 2023.
DOI: [10.1109/ICAISC56366.2023.10085301](https://doi.org/10.1109/ICAISC56366.2023.10085301)
10. Khulud Salem Alshudukhi, Maher Ali Khemakhem, Fathy Elbouraey Eassa, Kamal Mansur Jambi, "An Interoperable Blockchain Security Frameworks Based On Microservices And Smart Contract In Iot Environment", Electronics, vol: 12, pp. 776, 2023.
DOI: [10.3390/electronics12030776](https://doi.org/10.3390/electronics12030776)
11. Zaakki Ahamed, Maher Khemakhem, Fathy Eassa, Fawaz Alsolami, Abdullah S. Al-Malaise Al-Ghamdi, "Technical Study Of Deep Learning In Cloud Computing For Accurate Workload Prediction", Electronics, vol: 12, pp. 650, 2023.
DOI: [10.3390/electronics12030650](https://doi.org/10.3390/electronics12030650)

Publications.

12. Abdullah Algarni, Abdulaziz Attaallah, Fathy Eassa, Maher Khemakhem, Kamal Jambi, Hosam Aljihani, Khalid Almarhabi, Faisal Albalwy, "A Security Testing Mechanism For Detecting Attacks In Distributed Software Applications Using Blockchain", Plos One, vol: 18, pp. e0280038, 2023.
DOI: [10.1371/journal.pone.0280038](https://doi.org/10.1371/journal.pone.0280038)
13. Junaid M. Qurashi, Kamal Jambi, Fathy Eassa, Maher Khemakhem, Fawaz Alsolami, Abdullah Basuhail, "Towards Attack Modeling Technique Addressing Resilience In Self-Driving Car", Ieee Access, pp. 1-1, 2022.
DOI: [10.1109/ACCESS.2022.3233424](https://doi.org/10.1109/ACCESS.2022.3233424)
14. Abdullah Basuhail, Maher Khemakhem, Fathy Elbouraey Eassa, Junaid Mohammad Qurashi, Kamal Jambi, "N-Versions-Based Resilient Traffic Control Systems", Electronics, vol: 11, pp. 2414, 2022.
DOI: [10.3390/electronics11152414](https://doi.org/10.3390/electronics11152414)
15. Adam Ibrahim Abdi, Fathy Elbouraey Eassa, Kamal Jambi, Khalid Almarhabi, Maher Khemakhem, Abdullah Basuhail, Mohammad Yamin, "Hierarchical Blockchain-Based Multi-Chaincode Access Control For Securing Iot Systems", Electronics, vol: 11, pp. 711, 2022.
DOI: [10.3390/electronics11050711](https://doi.org/10.3390/electronics11050711)
16. Fatmah Alanazi, Kamal Jambi, Fathy Eassa, Maher Khemakhem, Abdullah Basuhail, Khalid Alsubhi, "Ensemble Deep Learning Models For Mitigating Ddos Attack In Software-Defined Network", Intelligent Automation & Soft Computing, vol: 33, pp. 923-938, 2022.
DOI: [10.32604/iasc.2022.024668](https://doi.org/10.32604/iasc.2022.024668)
17. Khalil Alsulbi , Maher Khemakhem , Abdullah Basuhail , Fathy Eassa , Kamal Mansur Jambi and Khalid Almarhabi, "Big Data Security And Privacy: A Taxonomy With Some Hpc And Blockchain Perspectives", International Journal Of Computer Science And Network Security, 2021.
18. Khalil Ahmad Alsulbi, Maher Ali Khemakhem, Abdullah Ahamd Basuhail, Fathy Eassa Eassa, Kamal Mansur Jambi, Khalid Ali Almarhabi, "A Proposed Framework For Secure Data Storage In A Big Data Environment Based On Blockchain And Mobile Agent", Symmetry, vol: 13, pp. 1990, 2021.
DOI: [10.3390/sym13111990](https://doi.org/10.3390/sym13111990)
19. Trifa Zied, Amamou Sonia, Khemakhem Maher, "A Combinatorial Mechanism For Data Security In Public Cloud Computing", Modelling And Simulation 2020 - The European Simulation And Modelling Conference, Esm 2020 2020, 2020.
20. Mohamed Labidi, Oleg Lodygensky, Gilles Fedak, Maher Khemakhem, Mohamed Jemni, "Xtremdew: A Platform For Cooperative Tasks And Data Schedulers", International Journal Of High Performance Computing And Networking, vol: 16, pp. 55, 2020.
DOI: [10.1504/IJHPCN.2020.110260](https://doi.org/10.1504/IJHPCN.2020.110260)
21. Ahmed Mohammed Alghamdi, Fathy Elbouraey Eassa, Maher Ali Khamakhem, Abdullah Saad AL-Malaise AL-Ghamdi, Ahmed S. Alfakeeh, Abdullah S. Alshahrani, Ala A. Alarood, "Parallel Hybrid Testing Techniques For The Dual-Programming Models-Based Programs", Symmetry, vol: 12, pp. 1555, 2020.
DOI: [10.3390/sym12091555](https://doi.org/10.3390/sym12091555)
22. Sonia Amamou, Zied Trifa, Maher Khmakhem, "Towards A Better Security In Public Cloud Computing", vol: 1179, pp. 441-453, 2020.
DOI: [10.1007/978-3-030-49336-3_43](https://doi.org/10.1007/978-3-030-49336-3_43)
23. Fathy Elbouraey Eassa, Ahmed Mohammed Alghamdi, Seif Haridi, Maher Ali Khemakhem, Abdullah S. Al-Malaise Al-Ghamdi, Eesa A. Alsolami, "Acc_Test: Hybrid Testing Approach For Openacc-Based Programs", Ieee Access, vol: 8, pp. 80358-80368, 2020.
DOI: [10.1109/ACCESS.2020.2991009](https://doi.org/10.1109/ACCESS.2020.2991009)

Publications.

24. Abdullah Saad Almalaise Alghamdi, Ahmed Mohammed Alghamdi, Fathy Elbouraey Eassa, Maher Ali Khemakhem, "Acc_Test: Hybrid Testing Techniques For Mpi-Based Programs", Ieee Access, pp. 1-1, 2020.
DOI: [10.1109/ACCESS.2020.2994172](https://doi.org/10.1109/ACCESS.2020.2994172)
25. Salma Almouzzini, Maher khemakhem, Asem Alageel, "Detecting Arabic Depressed Users From Twitter Data", Procedia Computer Science, vol: 163, pp. 257-265, 2019.
DOI: [10.1016/j.procs.2019.12.107](https://doi.org/10.1016/j.procs.2019.12.107)
26. K. Alsubhi, F. Alsolami, A. Algarni, E. Albassam, M. Khemakhem, F. Eassa, K. Jambi, M. Usman Ashraf, "A Tool For Translating Sequential Source Code To Parallel Code Written In C++ And Openacc", 2019 Ieee/Acs 16th International Conference On Computer Systems And Applications (Aiccsa), pp. 1-8, 2019.
DOI: [10.1109/AICCSA47632.2019.9035292](https://doi.org/10.1109/AICCSA47632.2019.9035292)
27. Safia Nahhas, Omaimah Bamasag, Maher Khemakhem, Nada Bajnaid, "Leveraging Linked Data To Propel Competency-Based Education Based On Labour Skills", 2019 2nd International Conference On Computer Applications & Information Security (Iccais), pp. 1-6, 2019.
DOI: [10.1109/CAIS.2019.8769503](https://doi.org/10.1109/CAIS.2019.8769503)
28. Sonia amamou, Zied trifa, Maher khmakhem, "Data Protection In Cloud Computing: A Survey Of The State-Of-Art", Procedia Computer Science, vol: 159, pp. 155-161, 2019.
DOI: [10.1016/j.procs.2019.09.170](https://doi.org/10.1016/j.procs.2019.09.170)
29. Hamdi Hassen, Hajlaoui Nasreddine, Khemak Maher, "Dmra-Mcp: A Distributed Map-Reduce Applications Deployments In A Multi-Cloud Platform Based On??Cloud Broker Architecture", vol: 142, pp. 275-285, 2019.
DOI: [10.1007/978-981-13-8311-3_24](https://doi.org/10.1007/978-981-13-8311-3_24)
30. Hamdi Hassen, Trifa Zied, Khemakhem Maher, "The P2p???Grid???Agent Distributed Platform: A Distributed And Dynamic Platform For Developing And Executing Large-Scale Application Based On Deep Learning Techniques", vol: 143, pp. 25-35, 2019.
DOI: [10.1007/978-981-13-8303-8_3](https://doi.org/10.1007/978-981-13-8303-8_3)
31. Waleed Al Shehri, Maher Khemakhem, Abdullah Basuhail, Fathy E. Eassa, "A Proposed Architecture For Parallel Hpc-Based Resource Management System For Big Data Applications", Advances In Science, Technology And Engineering Systems Journal, vol: 4, 2019.
DOI: [10.25046/aj040105](https://doi.org/10.25046/aj040105)
32. Safia Nahhas, Omaimah Bamasag, Maher Khemakhem, Nada Bajnaid, "Bridging Education And Labor Skills By A Novel Competency-Based Course Linked-Data Model", Ieee Access, pp. 1-1, 2019.
DOI: [10.1109/ACCESS.2019.2937233](https://doi.org/10.1109/ACCESS.2019.2937233)
33. Waleed Al Shehri, Maher Khemakhem, Abdullah Basuhail, Fathy E. Eassa, "Evaluation Of High-Performance Computing Techniques For Big Data Applications", Science International, 2019.
34. Safia Nahhas, Omaimah Bamasag, Maher Khemakhem, Nada Bajnaid, "Added Values Of Linked Data In Education: A Survey And Roadmap", Computers, vol: 7, pp. 45, 2018.
DOI: [10.3390/computers7030045](https://doi.org/10.3390/computers7030045)
35. Safia Nahhas, Omaimah Bamasag, Maher Khemakhem, Nada Bajnaid, "Linked Data Approach To Mutually Enrich Traditional Education Resources With Global Open Education", 2018 1st International Conference On Computer Applications & Information Security (Iccais), pp. 1-8, 2018.
DOI: [10.1109/CAIS.2018.8441941](https://doi.org/10.1109/CAIS.2018.8441941)
36. Khalid Alsubhi, Fawaz Alsolami, Abdullah Algarni, Kamal Jambi, Fathy Eassa, Maher Khemakhem, "An Architecture For Translating Sequential Code To Parallel", The 2nd International Conference, pp. 88-92, 2018.
DOI: [10.1145/3206098.3206104](https://doi.org/10.1145/3206098.3206104)

Publications.

37. Hamdi Hassen, Khemakhem Maher, an Aisha. A. Zaidan, "Complementary Approaches Built As Web Services For Arabic Handwriting Ocr Systems Via Amazon Elastic Mapreduce (Emr) Model", International Arab Journal Of Information Technology, Iajit, 2018.
38. Zied Trifa, Jalel Eddine Hajlaoui, Maher Khemakhem, "Pollution Attacks Identification In Structured P2p Overlay Networks", vol: 10631, pp. 674-686, 2018.
DOI: [10.1007/978-3-319-89500-0_57](https://doi.org/10.1007/978-3-319-89500-0_57)
39. Mohamad Shady, Maher Khemakhem, Kamal Jambi, "Agent-Based System For Efficient Knn Query Processing With Comprehensive Privacy Protection", International Journal Of Advanced Computer Science And Applications, vol: 9, 2018.
DOI: [10.14569/IJACSA.2018.090108](https://doi.org/10.14569/IJACSA.2018.090108)
40. Shady Alrahal, Maher Khemakhem, Kamal Jambi, "A Survey On Privacy Of Location-Based Services: Classification, Inference Attacks, And Challenges", Journal Of Theoretical And Applied Information Technology, 2017.
41. Hamdi Hassen, Kay D??rnnemann, Maher Khemakhem, "Advanced Distributed Architecture For A Complex And Large Scale Arabic Handwriting Recognition Framework", International Journal Of High Performance Computing And Networking, vol: 10, pp. 505, 2017.
DOI: [10.1504/IJHPCN.2017.087468](https://doi.org/10.1504/IJHPCN.2017.087468)
42. Mohamed Labidi, Mohamed Jemni, Maher Khemakhem, "Co-Scheduling Data And Task For A Data-Driven Distribution Of Data-Intensive Applications", 2017 Ieee/Acs 14th International Conference On Computer Systems And Applications (Aiccsa), pp. 407-414, 2017.
DOI: [10.1109/AICCSA.2017.225](https://doi.org/10.1109/AICCSA.2017.225)
43. Abdullah Algarni, Fawaz Alsolami, Fathy Eassa, Khalid Alsubhi, Kamal Jambi, Maher Khemakhem, "An Open Tool Architecture For Security Testing Of Nosql-Based Applications", 2017 Ieee/Acs 14th International Conference On Computer Systems And Applications (Aiccsa), pp. 220-225, 2017.
DOI: [10.1109/AICCSA.2017.44](https://doi.org/10.1109/AICCSA.2017.44)
44. Zied Trifa, Maher Khemakhem, "A Framework For Monitoring And Mitigating Malicious Attacks In Structured P2p Overlay Networks", 2017 Ieee/Acs 14th International Conference On Computer Systems And Applications (Aiccsa), pp. 128-134, 2017.
DOI: [10.1109/AICCSA.2017.224](https://doi.org/10.1109/AICCSA.2017.224)
45. Taha Chaabouni, Maher Khemakhem, "Energy Management Strategy In Cloud Computing: A Perspective Study", The Journal Of Supercomputing, 2017.
DOI: [10.1007/s11227-017-2154-z](https://doi.org/10.1007/s11227-017-2154-z)
46. H. Al-Barhamtoshy, M. Khemakhem, K. Jambi, F. Essa, A. Fattouh, A. Al-Ghamdi, "Universal Metadata Repository For Document Analysis And Recognition", 2016 Ieee/Acs 13th International Conference Of Computer Systems And Applications (Aiccsa), pp. 1-6, 2016.
DOI: [10.1109/AICCSA.2016.7945622](https://doi.org/10.1109/AICCSA.2016.7945622)
47. F. Essa, K. Jambi, A. Fattouh, H. Al-Barhamtoshy, M. Khemakhem, A. Al-Ghamdi, "A Fedearthed E-Learning Cloud System Based On Mixed Reality", 2016 Ieee/Acs 13th International Conference Of Computer Systems And Applications (Aiccsa), pp. 1-5, 2016.
DOI: [10.1109/AICCSA.2016.7945820](https://doi.org/10.1109/AICCSA.2016.7945820)
48. Khalil Al-Sulbi, Maher Khemakhem, "Flexible Off-Line Arabic Handwritten Ocr Based On Web Services", Journal Of King Abdulaziz University-Computing And Information Technology Sciences, vol: 4, pp. 3-22, 2015.
DOI: [10.4197/comp.4-1.1](https://doi.org/10.4197/comp.4-1.1)
49. Mohamed Nidhal Abdi, Maher Khemakhem, "A Model-Based Approach To Offline Text-Independent Arabic Writer Identification And Verification", Pattern Recognition, vol: 48, pp. 1890-1903, 2015.
DOI: [10.1016/j.patcog.2014.10.027](https://doi.org/10.1016/j.patcog.2014.10.027)

Publications.

50. Zied Trifa, Maher Khemakhem, "A Novel Replication Technique To Attenuate Churn Effects", Peer-To-Peer Networking And Applications, vol: 9, pp. 344-355, 2015.
DOI: [10.1007/s12083-015-0340-4](https://doi.org/10.1007/s12083-015-0340-4)
51. Hassen Hamdi and Maher Khemakhem, "Distributed Fast Fourier Transform (Dfft) On Mapreduce Model For Arabic Handwriting Feature Extraction Technique Via Cloud Computing Technologies", Conference On Parallel And Distributed Processing Techniques, 2014.
52. Zied Trifa, Maher Khemakhem, "Analysis Of Malicious Peers In Structured P2p Overlay Networks", 2014 World Congress On Computer Applications And Information Systems (Wccais), pp. 1-6, 2014.
DOI: [10.1109/WCCAIS.2014.6916552](https://doi.org/10.1109/WCCAIS.2014.6916552)
53. Hamdi Hassen, Maher Khemakhem, "A Secured Distributed Ocr System In A Pervasive Environment With Authentication As A Service In The Cloud", 2014 International Conference On Multimedia Computing And Systems (Icmcs), pp. 1200-1205, 2014.
DOI: [10.1109/ICMCS.2014.6911137](https://doi.org/10.1109/ICMCS.2014.6911137)
54. Zied Trifa, Maher Khemakhem, "Sybil Nodes As A Mitigation Strategy Against Sybil Attack", Procedia Computer Science, vol: 32, pp. 1135-1140, 2014.
DOI: [10.1016/j.procs.2014.05.544](https://doi.org/10.1016/j.procs.2014.05.544)
55. Hamdi Hassen, Maher Khemakhem, "Large Distributed Arabic Handwriting Recognition System Based On The Combination Of Fastdtw Algorithm And Map-Reduce Programming Model Via Cloud Computing Technologies", Aasri Procedia, vol: 5, pp. 156-163, 2013.
DOI: [10.1016/j.aasri.2013.10.072](https://doi.org/10.1016/j.aasri.2013.10.072)
56. Taha Chaabouni, Hamdi Kchaou, Maher Khemakhem, "Agent Technology Based Resources Management In Cloud Computing", 2013 World Congress On Computer And Information Technology (Wccit), pp. 1-3, 2013.
DOI: [10.1109/WCCIT.2013.6618659](https://doi.org/10.1109/WCCIT.2013.6618659)
57. Faten Kallel Jaïem, Slim Kanoun, Maher Khemakhem, Haikal El Abed, Jihain Kardoun, "Database For Arabic Printed Text Recognition Research", vol: 8156, pp. 251-259, 2013.
DOI: [10.1007/978-3-642-41181-6_26](https://doi.org/10.1007/978-3-642-41181-6_26)
58. Zied Trifa, Maher Khemakhem, "Securing Structured P2p Overlay Networks", 2013 Eighth International Conference On P2p, Parallel, Grid, Cloud And Internet Computing (3pgcic), pp. 37-43, 2013.
DOI: [10.1109/3PGCIC.2013.13](https://doi.org/10.1109/3PGCIC.2013.13)
59. , "Baseline Estimation In Arabic Handwritten Text-Line - Evaluation On Ahtid/Mw Database", International Conference On Pattern Recognition Applications And Methods, pp. 430-434, 2013.
DOI: [10.5220/0004218704300434](https://doi.org/10.5220/0004218704300434)
60. Taha Chaabouni, Maher Khemakhem, "Resource Management Based On Agent Technology In Cloud Computing", 2013 Taibah University International Conference On Advances In Information Technology For The Holy Quran And Its Sciences, pp. 372-375, 2013.
DOI: [10.1109/NOORIC.2013.78](https://doi.org/10.1109/NOORIC.2013.78)
61. Hamdi Hassen, Maher Khemakhem, "Arabic Islamic Manuscripts Digitization Based On Hybrid K-Nn/Svm Approach And Cloud Computing Technologies", 2013 Taibah University International Conference On Advances In Information Technology For The Holy Quran And Its Sciences, pp. 366-371, 2013.
DOI: [10.1109/NOORIC.2013.77](https://doi.org/10.1109/NOORIC.2013.77)
62. Zied Trifa, Maher Khemakhem, "Mitigation Of Sybil Attacks In Structured P2p Overlay Networks", 2012 Eighth International Conference On Semantics, Knowledge And Grids (SkG), pp. 245-248, 2012.
DOI: [10.1109/SKG.2012.36](https://doi.org/10.1109/SKG.2012.36)

Publications.

63. Mohamed Nidhal Abdi, Maher Khemakhem, "Arabic Writer Identification And Verification Using Template Matching Analysis Of Texture", 2012 Ieee 12th International Conference On Computer And Information Technology (Cit), pp. 592-597, 2012.
DOI: [10.1109/CIT.2012.126](https://doi.org/10.1109/CIT.2012.126)
64. Maher Khemakhem, "Towards An Optimal Utilization Of Volunteer Grid Computing: A Comparative Study Of Three Heuristics", International Journal Of Computer Networks & Communications, vol: 4, pp. 49-62, 2012.
DOI: [10.5121/ijcnc.2012.4105](https://doi.org/10.5121/ijcnc.2012.4105)
65. Wiem Rekik, Mohamed Mhiri, Maher Khemakhem, "A Smart Cloud Repository For Online Instrument", 2012 International Conference On Education And E-Learning Innovations (Iceeli), pp. 1-4, 2012.
DOI: [10.1109/ICEELI.2012.6360628](https://doi.org/10.1109/ICEELI.2012.6360628)
66. Mohamed Labidi, Bing Tang, Gilles Fedak, Maher Khemakem, Mohamed Jemni, "Scheduling Data On Data-Driven Master/Worker Platform", 2012 13th International Conference On Parallel And Distributed Computing Applications And Technologies (Pdcat), pp. 593-598, 2012.
DOI: [10.1109/PDCAT.2012.122](https://doi.org/10.1109/PDCAT.2012.122)
67. Anis Mezghani, Slim Kanoun, Maher Khemakhem, Haikal El Abed, "A Database For Arabic Handwritten Text Image Recognition And Writer Identification", 2012 International Conference On Frontiers In Handwriting Recognition (Icfhr), pp. 399-402, 2012.
DOI: [10.1109/ICFHR.2012.155](https://doi.org/10.1109/ICFHR.2012.155)
68. Zied TRIFA, Mohamed LABIDI, Maher KHEMAKHEM, "Arabic Cursive Characters Distributed Recognition Using The Dtw Algorithm On Boinc: Performance Analysis", International Journal Of Advanced Computer Science And Applications, vol: 2, 2011.
DOI: [10.14569/IJACSA.2011.020313](https://doi.org/10.14569/IJACSA.2011.020313)
69. Hamdi Hassen, Maher Khemakhem, "A Comparative Study Of Arabic Handwritten Characters Invariant Feature", International Journal Of Advanced Computer Science And Applications, vol: 2, 2011.
DOI: [10.14569/IJACSA.2011.021209](https://doi.org/10.14569/IJACSA.2011.021209)
70. Maher Khemakhem, Abdelfettah Belghith, "Towards Trusted Volunteer Grid Environments", International Journal Of Computer Networks & Communications, vol: 2, pp. 98-106, 2010.
DOI: [10.5121/ijcnc.2010.2207](https://doi.org/10.5121/ijcnc.2010.2207)
71. Maher Khemakhm and Abdelfettah Belghith, "Towards A Distributed Arabic Ocr Based On The Dtw Algorithm: Performance Analysis", International Arab Journal Of Information Technology , Iajit, 2009.
72. Mohamed Nidhal Abdi, Maher Khemakhem, Hanene Ben-Abdallah, "A Novel Approach For Off-Line Arabic Writer Identification Based On Stroke Feature Combination", 2009 24th International Symposium On Computer And Information Sciences (Iscis), pp. 597-600, 2009.
DOI: [10.1109/ISCIS.2009.5291888](https://doi.org/10.1109/ISCIS.2009.5291888)
73. Maher Khemakhem, Abdelfettah Belghith, "Identity Federation Based On Agent Technology For Secure Large Scale Data Storage And Processing Over Volunteer Grids", 2009 Ieee/Acs International Conference On Computer Systems And Applications, pp. 11-14, 2009.
DOI: [10.1109/AICCSA.2009.5069290](https://doi.org/10.1109/AICCSA.2009.5069290)
74. W. Rekik, M. Khemakhem, A. Belghith, J. Fayolle, "Pki And Uddi Based Trust Centre: An Attempt To Improve Web Service Security", 2009 4th International Conference For Internet Technology And Secured Transactions (Icitst 2009), pp. 1-4, 2009.
DOI: [10.1109/ICITST.2009.5402549](https://doi.org/10.1109/ICITST.2009.5402549)
75. M. Khemakhem, A. Belghith, "A P2p Grid Architecture For Distributed Arabic Ocr Based On The Dtw Algorithm", International Journal Of Computers And Applications, vol: 31, 2009.
DOI: [10.2316/Journal.202.2009.1.202-2587](https://doi.org/10.2316/Journal.202.2009.1.202-2587)

Publications.

76. Maher Khemakhem, Abdelfettah Belghith, "Identity Federation Based On Agent Technology For Secure Large Scale Data Storage And Processing Over Volunteer Grids", 2009 Ieee/Acs International Conference On Computer Systems And Applications, pp. 11-14, 2009.
DOI: [10.1109/AICCSA.2009.5069290](https://doi.org/10.1109/AICCSA.2009.5069290)
77. Maher Khemakhem, Hanene BenAbdallah, Abdelfatteh Belghith, "Towards An Agent Based Framework For The Design Of Secure Web Services", The 2008 AcM Workshop, pp. 81, 2008.
DOI: [10.1145/1456492.1456505](https://doi.org/10.1145/1456492.1456505)
78. M. Khemakhem, A. Belghith, "A Multipurpose Multi-Agent System Based On A Loosely Coupled Architecture To Speedup The Dtw Algorithm For Arabic Printed Cursive Ocr", The 3rd Acs/Ieee International Conference Oncomputer Systems And Applications, 2005., pp. 641-647, 2005.
DOI: [10.1109/AICCSA.2005.1387110](https://doi.org/10.1109/AICCSA.2005.1387110)
79. Maher Khemakhem, Abdelfettah Belghith, "Performance Evaluation Of A Multi-Agent Framework For Multiple Document Processing.", 2nd Ccct 2004: Austin, Tx, Usa, 2004.