

ALI A. ALWAN ALJUBOORI



- KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
- IIUM Gombak Campus
- Email address: aliamer@iium.edu.my

ACADEMIC QUALIFICATION

- DATABASE SYSTEMS
- Master of Science
- Bachelor of Computer Science

TEACHING RESPONSIBILITIES

COMPUTER MEDIATED COMMUNICATION	2018/2019 2019/2020
DATA COMMUNICATION IN BUSINESS	2011/2012 2012/2013
DATABASE APPLICATION DEVELOPMENT	2018/2019 2019/2020
DIGITAL MEDIA AND COMMUNICATION	2018/2019 2019/2020
ELEMENTS OF PROGRAMMING	2013/2014 2014/2015 2019/2020 2020/2021
FINAL YEAR PROJECT	2015/2016 2016/2017 2017/2018
FINAL YEAR PROJECT I	2017/2018 2019/2020 2020/2021
FINAL YEAR PROJECT II	2017/2018 2019/2020
INDUSTRIAL ATTACHMENT	2014/2015 2015/2016 2016/2017 2017/2018
INTRODUCTION TO COMPUTER ORGANIZATION	2012/2013 2013/2014 2014/2015 2019/2020 2020/2021
OBJECT ORIENTED PROGRAMMING	2014/2015 2015/2016 2016/2017 2017/2018 2018/2019 2019/2020
OPERATING SYSTEM	2016/2017 2017/2018 2018/2019 2019/2020
WEB PROGRAMMING	2012/2013 2014/2015 2015/2016
WEB PROGRAMMING FUNDAMENTAL	2013/2014 2014/2015 2015/2016

RESEARCH PROJECTS

In Progress

2018 - Present New Title: Modeling team climate and personalities to improve requirements engineering .

Completed

2015 - 2018 AN EFFICIENT MODEL FOR PROCESSING SKYLINE QUERIES IN INCOMPLETE AND UNCERTAIN DATABASES

PUBLICATIONS

Article

- 2020** [Binary context-free grammars.](#) Symmetry , 12 (8)
- 2020** [Data backup and recovery with a minimum replica plan in a multi-cloud environment.](#) International Journal of Grid and High Performance Computing , 12 (2) pp.102-120
- 2020** [Skyline queries computation on crowdsourced- enabled incomplete database.](#) IEEE Access , 8 pp.106660-106689
- 2019** [Algorithm for enhancing the QoS of video traffic over wireless mesh networks.](#) International Journal of Advanced Computer Science and Applications , 10 (4) pp.451-456
- 2019** [Performance evaluation of task scheduling using hybrid meta-heuristic in heterogeneous cloud environment.](#) International Journal of Advanced Trends in Computer Science and Engineering , 8 (6) pp.3249-3257
- 2019** [Identifying skylines in cloud databases with incomplete data.](#) Journal of Information and Communication Technology , 18 (1) pp.19-34
- 2019** [A systematic mapping study on cloud-based mobile application testing.](#) Journal of Information and Communication Technology , 18 (8) pp.485-527
- 2019** [A literature review on collaborative caching techniques in MANETs: issues and methods used in serving queries.](#) Engineering, Technology & Applied Science Research , 9 (5) pp.4729-4734
- 2019** [An enhanced group mobility management method in wireless body area networks.](#) Journal of Theoretical and Applied Information Technology , 97 (22) pp.3293-3303
- 2019** [Optimizing skyline query processing in incomplete data.](#) IEEE Access Journal , 7 pp.178121-178138
- 2019** [SCSA: Evaluating skyline queries in incomplete data.](#) Applied Intelligence Journal , 49 (5) pp.1636-1657
- 2018** [A model for processing skyline queries in crowd-sourced databases.](#) Indonesian Journal of Electrical Engineering and Computer Science , 10 (2) pp.798-806
- 2018** [An empirical comparative study of instance-based schema matching.](#) Indonesian Journal of Electrical Engineering and Computer Science , 10 (3) pp.1266-1277
- 2018** [Cloud-based learning system for improving students' programming skills and self-efficacy.](#) Journal of ICT , 17 (4) pp.629-651

- 2018** [Missing values estimation for skylines in incomplete database.](#) The International Arab Journal of Information Technology , 15 (1) pp.66-75
- 2018** [Regularization-based multi-frame super-resolution: A systematic review.](#) Journal of King Saud University - Computer and Information Sciences
- 2018** [Improved handover decision algorithm using multiple criteria.](#) Procedia Computer Science , 141 pp.32-39
- 2018** [A model for skyline query processing in a partially complete database.](#) Advanced Science Letters , 24 (2) pp.1339-1343
- 2017** [A Survey of schema matching research using database schemas and instances.](#) International Journal of Advanced Computer Science and Applications , 8 (10) pp.102-111
- 2017** [Processing skyline queries in incomplete database: issues, challenges and future trends.](#) Journal of Computer Science , 13 (11) pp.590-601
- 2016** [Reporting skyline on uncertain dimension with query interval.](#) Journal of Telecommunication, Electronic and Computer Engineering , 8 (6) pp.17-21
- 2016** [An efficient approach for processing skyline queries in incomplete multidimensional database.](#) Arabian Journal for Science and Engineering , 41 (8) pp.2927-2943
- 2016** [Data recovery and business continuity in cloud computing: a review of the research literature.](#) International Journal of Advancements in Computing Technology(IJACT) , 8 (5) pp.80-94
- 2016** [A framework for evaluating skyline queries over incomplete data.](#) Procedia Computer Science , 94 pp.191-198
- 2016** [Processing skyline queries in incomplete distributed databases.](#) Journal of Intelligent Information Systems pp.1-22
- 2015** [A model for processing skyline queries over a database with missing data.](#) Journal of Advanced Computer Science and Technology Research (JACSTR) , 5 (3) pp.71-82
- 2015** [Developing context-aware mobile applications using composition process based-on heterogeneous software entities.](#) Journal of Advanced Computer Science and Technology Research (JACSTR) , 5 (3) pp.93-103
- 2014** [A framework for evaluating skyline query over uncertain autonomous databases.](#) Procedia Computer Science , 29 pp.1546-1556
- 2013** [Preference evaluation techniques of preference queries in database.](#) International Journal of Advancements in Computing Technology , 5 (5) pp.756-766
- 2012** [A performance evaluation of preference evaluation techniques in real high dimensional database .](#) Procedia Computer Science , 10 pp.894-901
- 2011** [Performance evaluation of preference queries techniques over a high multidimensional database.](#) International Journal of Computational Linguistics Research , 2 (1) pp.37-47

Conference or Workshop Item

- 2020 [A model for computing skyline data items in cloud incomplete databases.](#) In: **11th International Conference on Ambient Systems, Networks and Technologies (ANT 2020) / 3rd International Conference on Emerging Data and Industry 4.0, (EDI40 2020) /**
- 2019 [Quantum computers for optimization the performance.](#) In: **10th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN 2019)**
- 2019 [A skyline query processing approach over interval uncertain data stream with K-means clustering technique.](#) In: **The Eleventh International Conference on Advances in Databases, Knowledge, and Data Applications**
- 2019 [Multi-frame super-resolution: a survey.](#) In: **2018 IEEE International Conference on Computational Intelligence and Computing Research (ICIC)**
- 2018 [A framework for processing skyline queries for a group of mobile users.](#) In: **The 20th International Conference on Information Integration and Web-based Applications & Services (iiWAS2018)**
- 2018 [Efficient skyline processing algorithm over dynamic and incomplete database.](#) In: **20th International Conference on Information Integration and Web-based Applications & Services (iiWAS2018)**
- 2018 [Disaster recovery with minimum replica plan for reliability checking in multi-cloud.](#) In: **9th International Conference on Ambient Systems, Networks and Technologies (ANT-2018) and the 8th International Conference on Sustainable Energy Information Technology (SEIT 2018)**
- 2018 [Disaster recovery in single-cloud and multi-cloud environments: Issues and challenges.](#) In: **The 4th IEEE International Conference on Engineering Technologies and Applied Sciences (ICETAS)**
- 2018 [Disaster recovery and business continuity for database services in multi-cloud.](#) In: **The 1st International Conference on Computer Applications & Information Security (ICCAIS 2018)**
- 2018 [D-SKY: a framework for processing skyline queries in a dynamic and incomplete database.](#) In: **20th International Conference on Information Integration and Web-based Applications & Services (iiWAS2018)**
- 2017 [Deriving skyline points over dynamic and incomplete databases.](#) In: **The 6th International Conference on Computing and Informatics, ICOCI 2017**
- 2017 [Skyline query processing for incomplete data in cloud environment.](#) In: **The 6th International Conference on Computing and Informatics, ICOCI 2017**
- 2016 [IT disaster recovery and business continuity based on VMware SRM solution for Kuwait Oil Company \(KOC\).](#) In: **The 2nd International Conference on Open Source Software Computing (OSSCOM 2016)**
- 2015 [Identifying skylines in dynamic incomplete database.](#) In: **9th International Conference on Computer Engineering and Applications (CEA '15)**
- 2014 [Finding skyline points over dynamic incomplete database.](#) In: **Malaysian National Conference of Databases 2014 (MaNCoD 2014)**

2014 [A framework for identifying skylines over incomplete data.](#) In: **3rd International Conference on Advanced Computer Science Applications and Technologies, ACSAT 2014**

**Book
Book Section**

2016 [Computing range skyline query on uncertain dimension.](#) In: **Database and Expert Systems Applications: 27th International Conference, DEXA 2016, Porto, Portugal, September 5-8, 2016, Proceedings, Part II** Springer International Publishing . ISBN 978-3-319-44405-5 , pp.377-388