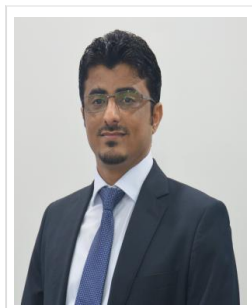


CURRICULUM VITAE

Dr. Ali Mohammed Mansoor Alsaahag

Department of Software Engineering

Faculty of Computer Science & Information Technology

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Department of Software Engineering, Faculty of Computer Science & Information Technology, University of Malaya, 50603 Kuala Lumpur, MALAYSIA

Curriculum Vitae

<http://www.researcherid.com/rid/J-4151-2016>

<http://www.scopus.com/authid/detail.url?authorId=26421574400>

<http://alimansoor.net/>

[Save as Word document](#)

AREAS OF SPECIALIZATION				
No	Main Areas	Sub Areas	Area (Specialization)	Keywords
1.	Information, Computer And Communication Technology (ict)	EMERGENT INFORMATION TECHNOLOGY	MOBILE COMPUTING	Radio Resource Management, Internet of things communications and networks
2.	Information, Computer And Communication Technology (ict)	EMERGENT INFORMATION TECHNOLOGY	HIGH SPEED NETWORK	
3.	Information, Computer And Communication Technology (ict)	COMMUNICATION	WIRELESS COMMUNICATION AND TECHNOLOGIES SN: INCLUDING COMMUNICATION EQUIPMENT	

RESEARCH PROJECT – Generate From RGMS System				
No	Project Title	Project Duration	Researcher	Total Allocation
1.	Energy Savings Strategy Based On Link Adaptation For Green Lte Cellular Systems (FP007-2016)	01/08/2016 to 31/07/2018	<ul style="list-style-type: none"> Dr. Ali Mohammed Mansoor Alsaahag (PI) 	92,200.00
2.	Energy Efficient Transmission with Partial Feedback for Green LTE Cellular Systems (BK067-2015)	24/11/2015 to 24/06/2017	<ul style="list-style-type: none"> Dr. Ali Mohammed Mansoor Alsaahag (PI) Associate Prof. Dr. Rodina Binti Ahmad (Co-Researcher) Dr. Hamid Abdullah Jalab Altulea (Co-Researcher) 	26,900.00

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
1.	Conference	Fair bandwidth assignment in hierarchical scheduling for mobile WiMAX system.	Presenter	01/12/2011 to		
2.	Conference	Two-dimensional burst construction with QoS assurance for OFDMA mobile WiMAX system.	Presenter	01/12/2014 to		
3.	Conference	A polymorphism Watermarking Algorithm for Digital Holy Quran	Poster	23/10/2015 to 25/10/2015	universiti sains islam malaysia	International
4.	Conference	IEEE Industrial Electronics and Applications Conference, IEACon 2016	Presenter	01/01/2016 to		
5.	Symposium	A Polymorphism Watermarking Algorithm for Digital Holy Quran.	Presenter	09/03/2016 to 10/03/2016	Faculty of computer science and technology, university Malaya	University
6.	Conference	Youth Leadership and Future Technologies	Pleanary/keynote Speaker	18/10/2016 to 20/10/2016	Universiti Sultan Azlan Shah) USAS, Royal Town of Kuala Kangsar, Perak, Malaysia.	International
7.	Conference	A Feedback-based Admission Control Unit for QoS Provision of Video Transmission over WLANs	Presenter	09/01/2017 to 11/01/2017	IEEE CCWC 2017	International
8.	Conference	Sustainability for urban development in city planning	Invited Speaker	25/03/2017 to 28/03/2017	Ministry of Youth and Sports, UNHabitat, Melaka Historic City Council and UN-Youth	International

PAPER PRESENTED						
No	Event	Title of Paper Presented	Role	Duration	Organiser	Level
9.	Research Exhibition	Vehicle Routing and Scheduling Optimization	Poster	27/04/2017 to 27/04/2017	Research and Development Office Academy of Islamic Studies, University of Malaya	National

PROFESSIONAL AFFILIATION/MEMBERSHIP				
No	Organisation	Role	Duration	Level
1	Artificial Intelligence Review	Reviewer	22/01/2016 – (Lifetime Membership)	International
2	Asian Youth Council (AYC)	1st Vice President	25/02/2016 – 05/03/2019	International
3	REVIEWER FOR MALAYSIAN JOURNAL OF COMPUTER SCIENCE (MJCS)	Reviewer	24/02/2017 – 31/12/2017	International

AWARDS AND RECOGNITIONS				
No	Name of Award	Awarding Institution	Year Awarded	Level
1.	Best poster award in national symposium on Al-Quran and Hadith validation system 2016	University Of Malaya	2016	National

ADMINISTRATIVE DUTIES			
No	Role	Level(Department, Faculty)	Duration
1	keynote speaker and trainer to PhD Dissertation Master and Boot Camp	Department of Software Engineering, Faculty of Computer Science & Information Technology	13/04/2017 to 13/04/2017
2	Supervisor	Department of Software Engineering, Faculty of Computer Science & Information Technology	30/03/2017 to 31/07/2017
3	Programme Coordinator	Department of Software Engineering, Faculty of Computer Science & Information Technology	21/02/2017 to 21/02/2017
4	A committee member of Text-to-Speech Workshop	Department of Software Engineering, Faculty of Computer Science & Information Technology	16/05/2016 to 17/05/2016

ADMINISTRATIVE DUTIES			
No	Role	Level(Department, Faculty)	Duration
5	A committee member of national symposium on al-quran and hadith validation system 2016	Department of Software Engineering, Faculty of Computer Science & Information Technology	15/03/2016 to 16/03/2016
6	COMMITTEE MEMBER	Faculty of Computer Science and Information Technology Dean's Office, Faculty of Computer Science & Information Technology	27/01/2016 to 26/01/2017
7	Committee Member Of establishing a new master coursework program for software engineering department.	Department of Software Engineering, Faculty of Computer Science & Information Technology	20/11/2015 to 27/08/2018

EVALUATIONS ACTIVITIES		
No	Title of Book/Thesis/Project/(Year)	Activity
1.	Content Management Learning System Framework for Children with Autism (2016 – 2016)	Thesis
2.	Enhancing the Usability of Islamic Websites for cross platform environment (2016 – 2016)	Thesis
3.	Kansei Design Approach for Virtual Agent A Case Study in higher Education Institution (2016 – 2016)	Thesis
4.	implementation of a Project Management Office (PMO) Framework to address the governance within an Agile Software Development Environment (2016 – 2016)	Project
5.	Enhancement of Data Segregation and Classification Technique to Reduce Power Consumption in Wireless Body Area Networks (2016 – 2016)	Thesis
6.	External Examiner for the thesis SECURE NS/NA IN IPV6 TO AVOID ADDRESS SPOOFING (2016 – 2016)	Thesis
7.	Evaluating Architecture of a system using Architecture-Centric Lightweight Evaluation Method (2016)	Thesis

CONTRIBUTION TO SOCIETY				
No	Contribution To Society	Level	Start Date	End Date
1.	A City For All: Integrating Youth Rights in City Planning' at the Asia Urban Youth Assembly (AUYA) themed 'The Role of Youth in the New Urban Agenda – Taking Action for Innovation, Socially-Minded, Green Cities' in conjunction with the 17th International Convention of Melaka Twin Cities	International	25/02/2017	28/03/2017
2.	Teaching Tajwid course for lecturer	Others –	06/01/2016	09/03/2016

PUBLICATIONS : BOOK			
No	Detail of Publication	Author	Year

1	Alkazmi, Ali Alsaahag, and Mohamed Othman. "Greedy Behavior in Wireless Network Hotspots: Enhancing MAC Layer Misbehavior Detection System in Wi-Fi Networks." (2011).	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2011
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PUBLICATIONS : ARTICLE IN ACADEMIC JOURNALS

No	Detail of Publication	Author	Year
1	Aznul Qalid Md Sabri, Jacques Boonaert, Erma Rahayu Mohd Faizal Abdullah, Ali Mohammed Mansoor. "Spatio-temporal Co-Occurrence Characterizations for Human Action Classification." Malaysian Journal of Computer Science (MJCS). (2017).	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2017
2	Al-Maweri, N..A.S, Sabri, Aznul Qalid Md, Ali Mohammed Mansoor. "Automatic Rotation Recovery Algorithm for Accurate Digital Image and Video Watermarks Extraction." International Journal of Advanced Computer Science and Applications (IJACSA). (2016).	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2016
3	Hussein, Yaseein Soubhi, Borhanuddin M. Ali, Mohd Fadlee A. Rasid, A. Sali, and Ali Mohammed Mansoor. "A novel cell-selection optimization handover for long-term evolution (LTE) macrocellusing fuzzy TOPSIS." Computer Communications 73 (2016): 22-33.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2016
4	Nasr addin Ahmed Salem Al-maweri1, Aznul Qalid Md Sabri, Ali Mohammed Mansoor, Unaizah Hanum Obaidallah, Erma Rahayu Mohd Faizal1, Joan Lai"Metadata Hiding for UAV Video Based on Digital Watermarking in DWT Transform "." Multimedia Tools and Applications (2016): 1-23.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2016
5	Mustafa Ismael Salman1, Ali Mohammed Mansoor, Hamid A. Jalab, Rodina Ahmad2 and Aznul Q. Sabri,"A Joint Evaluation of Energy-Efficient Downlink Scheduling and Partial CQI Feedback for LTE Video",KSII Transactions on Internet and Information Systems.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2016
6	Alsaahag, Ali Mohammed, Borhanuddin M. Ali, Nor Kamariah Noordin, and Hafizal Mohamad. "Maximum rate resource allocation algorithms with multiuser diversity and QoS support for downlink OFDMA based WiMAX system." Telecommunication Systems (2015): 1-14.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2015
7	Alsaahag, Ali Mohammed, Borhanuddin Mohd Ali, Nor Kamariah Noordin, and Hafizal Mohamad. "Fair uplink bandwidth allocation and latency guarantee for mobile WiMAX using fuzzy adaptive deficit round robin." Journal of Network and Computer Applications 39 (2014): 17-25.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2014
8	Alsaahag, Ali Mohammed, and Mohamed Othman. "Enhancing wireless medium access control layer misbehavior detection system in IEEE 802.11 network." Journal of Computer Science 4, no. 11 (2008): 951.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsaahag 	2008

PUBLICATIONS : PROCEEDING

PUBLICATIONS - PROCEEDING		Author	Year
No	Detail of Publication	Author	Year
1	Ali Mohammed Mansoor, Mohammed A. Al-Maqri, Aznul Qalid Md Sabri, Hamid Abdulla Jalab, Ainuddin Wahid Bin Abdul Wahab, Wajdy Alkopati. 2017. A Feedback-based Admission Control Unit for QoS Provision of Video Transmission over WLANs. IEEE 7th Annual Computing and Communication Workshop and Conference sponsored by IEEE	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsahag 	2017
2	Baraa M. Abed, Khalid Shaker, Hamid A. Jalab, Hothefa Shaker, Ali Mohammed Mansoor, Ahmad F. Alwan, Ihsan Salman Al-Gburi. 2016. A Hybrid Classification Algorithm Approach for Breast Cancer Diagnosis. IEEE Industrial Electronics and Applications Conference, IEACon 2016 (SCOPUS-Indexed)	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsahag 	2016
3	Alsahag, Ali Mohammed, Borhanuddin M. Ali, Nor Kamariah Noordin, Hafizal Mohamad, and Nordin Ramli. "Two-dimensional burst construction with QoS assurance for OFDMA mobile WiMAX system." In Telecommunication Technologies (ISTT), 2014 IEEE 2nd International Symposium on, pp. 256-261. IEEE, 2014.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsahag 	2014
4	Alsahag, Ali Mohammed, Borhanuddin Mohd Ali, Nor Kamariah Noordin, and Hafizal Mohamad. "Fair bandwidth assignment in hierarchical scheduling for mobile WiMAX system." In Communications (APCC), 2011 17th Asia-Pacific Conference on, pp. 743-747. IEEE, 2011.	<ul style="list-style-type: none"> • Ali Mohammed Mansoor Alsahag 	2011

TEACHING : POST GRADUATE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
1.	SOFTWARE ARCHITECTURE	2016/2017(2)	6	3	Lectures, Tutorials
2.	ADVANCED TOPICS IN PROGRAMMING	2015/2016(1)	21	4	Lectures, Tutorials

TEACHING : FIRST DEGREE					
No	Course Title & Code	Academic Session	No. of Students	No. of Contact Hours	Lectures/ Tutorials/ Practicals
1.	SOFTWARE ENGINEERING	2016/2017(1)	0	0	Lectures, Tutorials

SUPERVISIONS : POST GRADUATE STUDENT (GENERATE FROM ISIS)					
No	Name of Candidates	Matric No	Title of Thesis	Academic Session	Category

1	ABUBAKAR AUWAL IDRIS	WGA150023	Quality-of-Service and Scheduling Performance Optimization in LTE Networks	2016/2017(2)	PENYELIA
2	WALA YOUSIF ELTAYEB ELHASSAN	WGA140046	Sentiment Analysis using Machine Learning approach: Twitter case study of Syria Conflict	2016/2017(2)	PENYELIA
3	FATEMEH SAEEDI FAR	WGA150005	Multi-parametric Ant Colony Optimization for Vehicle Routing & Amp: Scheduling	2016/2017(2)	PENYELIA
4	FADHIL MUKHLIF ASWAD	KHA150105	3D-MILLIMETER WAVES CHANNEL MODELING & PROPAGATION MEASUREMENTS WITH USING A NEW SIGNAL WAVE-FORM FOR 5G WIRELESS NETWORK	2016/2017(2)	PENYELIA BERSAMA

SUPERVISIONS (UMEXPERT) : POST GRADUATE STUDENT

No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Status	Individual/Sharing
1	WALA YOUSIF ELTAYEB ELHASSAN	Internet of things	07/10/2016	- 2016/2017 (1)	Masters Degree	Ongoing	Individual
2	Ahmed Saleh Noman Al-Hubaishi	New Technique for Interference Management in Heterogeneous Networks	28/07/2016	- 2016/2017 (1)	Doctoral Degree (phd)	Ongoing	Sharing
3	FATEMEH SAEEDI FAR	DEVELOP RESOURCE ALLOCATION ALGORITHM FOR MOBILE TECHONLOGIES	02/12/2016	- 2016/2017 (2)	Masters Degree	Ongoing	Sharing
4	Sura Fawzi Ghafil Hacham	Energy Efficiency and Specturm Efficient Wireless Heterogeneous in 5G Technology	05/04/2017	- 2016/2017 (1)	Doctoral Degree (phd)	Ongoing	Sharing
5	ABUBAKAR AUWAL IDRIS	QUALITY OF SERVICE AND SCHEDULING PERFORMANCE OPTIMIZATION IN LTE NETWORKS	28/06/2016	- 2016/2017 (1)	Masters Degree	Ongoing	Individual
6	JIHAD SULTAN MOHAMMED AL-JARADY	RESOURCE ALLOCATION AND OPTIMIZATION IN 5G	01/09/2016	- 2016/2017 (1)	Doctoral Degree (phd)	Ongoing	Individual

SUPERVISIONS (UMEXPERT) : POST GRADUATE STUDENT							
No	Name of Candidate	Field of Research/Title of thesis	Date of Registration	Academic Session	Name of Degree	Status	Individual/Sharing
7	FADHIL MUKHLIF ASWAD	3D-MILLIMETER WAVES CHANNEL MODELING & PROPAGATION MEASUREMENTS WITH USING A NEW SIGNAL WAVE-FORM FOR 5G WIRELESS NETWORK		- 2015/2016 (1)	Doctoral Degree (phd)	Ongoing	Sharing
8	MARWAN ABDULRAHMAN AL-NAMARI	STRATEGIES FOR IMPROVING INTERNET TRAFFIC CLASSIFICATION AND MANAGEMENT BASED ON MACHINE LEARNING	12/02/2016	- 2015/2016	Doctoral Degree (phd)	Ongoing	Individual
9	NAJIB AHMED MOHAMMED AHMED	LOAD BALANCING PROTOCOL FOR INTERNET GATEWAY PLACEMENT IN WIRELESS MESH NETWORKS		- 2015/2016 (1)	Doctoral Degree (phd)	Ongoing	Individual
10	HAZEM JIHAD ALI BADARNEH	Improving Index mechanism via effective adaptive technique of heterogeneous data in mobility Internet of Things environment	10/03/2016	- 2015/2016 (2)	Doctoral Degree (phd)	Ongoing	Sharing
11	REEM ADEL MAHMOUD ALTAHARWA	Energy Efficiency and Resource Allocation Techniques in 5G Networks	29/07/2016	- 2015/2016 (2)	Doctoral Degree (phd)	Ongoing	Sharing

COURSE ATTENDED:(ORGANIZED BY PTJ)

COURSE ATTENDED:(ORGANIZED BY PTJ)					
No	Name of Event	Venue	Type	Start Date	End Date
1.	WORKSHOP: OUTCOME-BASED EDUCATION	THE CUBE, FAKULTI SAINS TEKNOLOGI DAN TEKNOLOGI MAKLUMAT	WORKSHOP	2015-08-05	2015-08-06
No	Name of Event	Venue	Type	Start Date	End Date