

WAIL MARDINI

→→ CITIZENSHIP: JORDANIAN/CANADIAN

→→ EDUCATIONAL QUALIFICATION

- **Ph.D .** Major :Computer Science
Title : Planar Chordal Cycles: Their Construction, Applications and Analysis in Mesh Networks
University: *Ottawa University, Ottawa-ON ,Canada, 2006*

- **M.S** Major :computer science
Title : Modelling with D-queues
University: *University of New Brunswick, Fredericton–NB,Canada, 2001*

- **B.Sc** Major : Bachelor in Applied Mathematics
University: *Jordan University of Science& Technology, Irbid, Jordan, 1997*

→→ PROFESSIONAL EXPERIENCE

- **11/2014 – present:** Cisco Cetrified Network Academy Instructor at Cisco Academy Taibah University/KSA
- **9/2013 – present:** Associate Professor at the computer science department at Taibah University/Yanbu, KSA.
- **9/2006 – current:** Jordan University of Science and Technology/Jordan
 - **9/2013 – current:** Sabbatical leave and leave of absence
 - **1/2013 – 8/2013:** Associate Professor at the Computer Science department at Jordan University of Science and Technology/Jordan.
 - **9/2012 – 8/2013:** Vice Dean, Faculty of Information Technology and Engineering at Jordan University of Science and Technology/Jordan.
 - **9/2010 – 8/2012:** Department Chairman, Chairman of the computer science department at Jordan University of Science and Technology/Jordan.
 - **9/2006 – 12/2012:** Assistant Professor at the Computer Science department at Jordan University of Science and Technology/Jordan.
- **9/2002 – 8/2006:** Researcher, Research on the area of algorithms for optical networks survivability. Studying and developing algorithms in this area, University of Ottawa,Ottawa / ON/Canada.
- **9/2001 –9/2006:** Teaching Assistance, Teaching assistance for different course in areas of: computer science and data & computer communication for both graduate and undergraduate levels, University of Ottawa, Ottawa / ON/Canada.

- **9/1999 – 5/2001:** Teaching & Research Assistance, Teaching assistance and research assistance in the computer science department. Teaching assistance for different computer science courses. Research on modeling and queuing theory, University of New Brunswick , Fredericton / NB/Canada.
- **3/1998 – 9/1999:** Lab Instructor & Administrator, Instructor, supervisor and administrator in the computer science department labs/Canada.

→→ RESEARCH AREAS

- Wireless Mesh Networks
- Wireless Sensor Networks
- Wireless Optical Mesh Networks
- Optical Network Survivability
- WiMax Technology
- Scheduling in Parallel Computing
- Intrusion Detection Techniques

→→ OTHER DUTIES AND RESPONSIBILITIES

- 1/2014 – current:** Head of Quality Assurance Unit at College of Computer Science and Engineering, Taibah University, Yanbu, KSA
- 1/2012 – 8/2013:** Faculty Representative at JUST University Research
- 1/2012 – 8/2013:** Faculty Representative at JUST Graduate Study Council
- 9/2011 – 8/2013:** Trainer and coach of ACM programming teams from JUST at ACM competitions (Local and Regional)
- 1/2009 – 9/2009:** Faculty Representative at JUST University Council
- 9/2007 – 8/2008:** Department Representative at JUST IT Faculty Council
- 1/2005 – 8/2006:** President, Computer Science Graduate Student Association at U. Ottawa
- 10/2004 – 10/2005:** SITE student representatives on Engineering Faculty Council at U. Ottawa
- 1/2004 – 12/2004:** VP Communication, Computer Science Graduate Student Association at U. Ottawa
- 9/2000 - 8/2001:** Treasurer, Graduate Student Computer Science Association/U. New Brunswick

→→ Journal and Conference Responsibilities

Type	Title	Country	Year
Techniqal Program committee	The 29th International FLAIRS Conference	USA	2016
Techniqal Program committee	Third, Fourth, Fifth and Sixth International Conference on Ambient Computing, Applications, Services and Technologies	Italy France Italy Portugal	2016 2015 2014 2013
Techniqal Program committee	Europe, Middle East and North Africa Conference on Technology and Security to Support Learning	Morocco	2016

Advisory committee, Technical Program committee, Publication chair	Third, Fourth, Fifth, and Sixth International Conference on Information and Communication Systems (ICICS 2014 and 2015)	Jordan	2015 2014 2013 2012
Journal Reviewer	Cluster Computing (Springer)	USA	2015
Journal Reviewer	International Journal of High Performance Computing and Networking	USA	2015
Technical Program committee	2015 International Workshop on Internet of Things and Smart Spaces. in conjunction with The 14th IEEE International Conference on Ubiquitous Computing and Communications	United Kingdom	2015
Technical Program committee	10th International Conference on Future Networks and Communications (FNC-15)	France	2015
Technical Program Committee	The Seventh International Conference on Communication Theory, Reliability, and Quality of Service	France	2014
Advisory Chair	Future computing conference 2014	Italy	2014
Workshop and program Chairs	1st International workshop on Wireless Network Trends and Technologies	Jordan	2013
Conference panel member and session chair	FUTURE COMPUTING conference 2013	Spain	2013
Guest Editor	Special issue 2012, Network Protocols and Algorithms, ISSN 1943-3581	USA	2012
Track Co-Chair	The 3rd International Conference on Ambient Systems, Networks and Technologies (ANT-2012)	Canada	2012
TPC member	The Fifth International Conference on Communication Theory, Reliability, and Quality of Service	France	2012
Guest Editor	Special issue 2011 UBICC journal, ISSN 1992-8424	Korea	2011
Session Chair	ICICs 2011, Session: Algorithms and Applications & Software Engineering	Jordan	2011
Session Chair	ANT 2011, Session 12: Quality of Service	Jordan	2011
Session Chair	Applied computing conference, Session FSP 20.10 Mobile Networks and Systems // Wireless Application // Networking // Communications	Italy	2009
Session Chair	CCECE 2006	Canada	2006

Published or accepted for publication:

1. Firas A. Al Balas, **Wail Mardini**, Yaser Khamayseh , and Dua'a Ah.K.Bani-Salameh "Improved Appliance Coordination Scheme with Waiting Time in Smart Grids", Accepted in International Journal of Advanced Computer Science and Applications(IJACSA). ISI
2. Mahmoud alayoub, Gaith Al-housari, **Wail Mardini**, "A New Mobility Prediction-Based Vertical Handoff Scheme", International Journal of Advanced Computer Science and Applications(IJACSA), Volume 7 Issue 3, 2016. ISI
3. Nadhir Ben Halima, Yaser Khamayseh, **Wail Mardini**, and Abedl Rahman Almodawar. "Empirical Experiments for Sensors' Distance Estimation in Smart Places." In IEEE International Conference on Computer and Information Technology; Ubiquitous Computing and Communications; Dependable, Autonomic and Secure Computing; Pervasive Intelligence and Computing (CIT/IUCC/DASC/PICOM), 2015, pp. 1614-1619. IEEE, 2015.
4. **Wail Mardini**, Yaser Khamayseh, Abdalrhman Alshakh, Ehab Elmaleh "Adaptive RSSI-Based Localization Scheme for Wireless Sensor Network", Peer-to-Peer Networking and Applications, Accepted May 2015 (Springer).
5. Yaser Khamayseh, **Wail Mardini**, Shadi Aljawarneh, Muneer Bani Yassein, "Integration of Wireless Technologies in Smart University Campus Environment: Framework Architecture", International Journal of Information and Communication Technology Education (IJICTE), Vol. 11, No. 1. January 2015.
6. Yaser Khamayseh, **Wail Mardini**, Rana Al-Hijjawi, Reem Jaradat, Huessin Mouftah, "Prediction-based Schemes for Coexistence in Personal Wireless Networks", Journal of Ad Hoc & Sensor Wireless Networks (Old city publishing). Vol. 26, No. 1-4, pp. 259-285. April 2015. ISI
7. YASER KHAMAYSEH, **WAIL MARDINI**, HADEEL TBASHATE, "LEVERAGING THE DATA GATHERING AND ANALYSIS PHASES TO GAIN SITUATIONAL AWARENESS", Journal of Intelligent Automation and Soft Computing. Vol. 21, No. 4, pp. 1-20. January 2015. ISI
8. **Wail Mardini**, Abdulaziz Alraddadi,"Adaptive Algorithm for Beacon and Superframe Values in IEEE802.15.4 Based Networks", Journal of International Review on Computers and Software, Vol 9, No 9, pp 1637-1644, ISSN 1828-6003, United States. September 2014.
9. **Wail Mardini**, Muneer Bani Yassein, Yaser Khamayseh, Barraq Ghaleb, "Rotated Hybrid, Energy-Efficient and Distributed (R-HEED) Clustering Protocol in WSN", WSEAS Transactions on Communications, May 2014.
10. Ismail Ababneh, **Wail Mardini**, Asmahan Abu al-Hassan, "ADAPTIVE VELOCITY-BASED BROADCASTING IN MOBILE AD HOC NETWORKS", Journal of Parallel and Distributed Computing and Networks (ACTA press). September 2013. USA.
11. Marwa Salayma, **Wail Mardini**, Yaser Khamayseh, Muneer Bani Yassein, "IEEE802.15.4 Performance in Various WSNs Applications,"SENSORCOMM 2013, The Seventh International Conference on Sensor Technologies and Applications,139-144, 2013,
12. Musab Ghadi, Tarek Moulahi, **Wail Mardini**, "A Decentralized Load-Balanced (k,r) Connected Dominating Set for Mobile WSNs", Proceeding of the Fourth International Conference on Information and Communication Systems (ICICS 2013), April 23-25, 2013. Irbid - Jordan

13. Marwa Salayma, **Wail Mardini**, Yaser Khamayseh, Muneer Bani Yassein, "Optimal Beacon and Superframe Orders in WSNs," FUTURE COMPUTING 2013," The Fifth International Conference on Future Computational Technologies and Applications, 49-55, 2013,
14. Muneer Bani Yasin, Maryan Yatim, Marwa Salaymeh, Yaser Khamayseh, **Wail Mardini**, "Optimal Personal Area Network Coordinator Placement in Grid Topology," Mobile Web and Information Systems, Lecture Notes in Computer Science Volume 8093, pp. 260-273, 2013, Springer Berlin Heidelberg.
15. Muneer Bani Yassein, Amera Al-Ameri, Yaser M Khamayseh, **Wail Mardini**, "Routing Discovery Algorithm Using Parallel Chase Packet," International Journal of Advanced Computer Science & Application; Mar 2013, Vol. 4 Issue 3, p10.
16. Ismail Ababneha, Saad Bani-Mohammada, **Wail Mardini**, Hilal Alawnehb & Mohammad Hamedb, "The Effect of Communication on the Performance of Allocation Request Shape Changes in 2D Mesh-connected Multicomputers", International Journal of Parallel, Emergent and Distributed Systems (Taylor & Francis), Vol. 27, No 5, 2012.
17. Muneer Bani YassieN, Marwa Salymeh, **Wail Mardini**, Yaser Khamayseh, "FIBONACCI BACKOFF ALGORITHM FOR IEEE 802.15.4/ZIGBEE," Journal of Network Protocols and Algorithms, Vol. 4, No. 3, 2012. ISSN 1943-3581. USA.
18. **Wail Mardini**; Yaser Khamayseh; Muneer Masadeh; Barraq Ghaleb, "Rotated-HEED Protocol for Clustering in WSNS", 3rd International Conference on Computer Modelling and Simulation, Brno, Czech Republic, 3 - 5 September 2012.
19. Yaser Khamayseh; **Wail Mardini**; Reem Jaradat; Rana Hijawai, "Improved Backoff Technique for ZigBee Networks", 3rd International Conference on Computer Modelling and Simulation, Brno, Czech Republic, 3 - 5 September 2012.
20. Ahmad Momani, Muneer Bani Yassein, Omar Darwish, Saher Manaseer, **Wail Mardini**, "Intelligent Paging Backoff Algorithm for IEEE 802.11 MAC Protocol," Journal of Network Protocols and Algorithms, Vol. 4, No. 1, 2012. ISSN 1943-3581. USA.
21. **Wail Mardini**; Yaser Khamayseh; Shorouq AL-Eide, "Optimal Number of Relays in Cooperative Communication in Wireless Sensor Networks", Communications and Network Journal in Vol. 4, No. 2 Issue (May 2012). ISSN 1949-2421. USA
22. **Wail Mardini**, Musab Q. Al-Ghadi, Ismail M. Ababneh, "Distance-Based Scheme for Vertical Handoff in Heterogeneous Wireless Networks", Journal of Emerging Technologies in Web Intelligence, Vol. 4, No 1, (February 2012). ISSN 1798-0461. Finland.
23. **Wail Mardini**, Yaser Khamayseh, Marwa Salayma, "Optimal Power Consumption in Cooperative WSNs for a random Distance using a linear propagation model", Procedia Computer Science, Volume 5, The 2nd International Conference on Ambient Systems, Networks and Technologies (ANT-2011) / The 8th International Conference on Mobile Web Information Systems (MobiWIS 2011), 2011, Pages 489-496, ISSN 1877-0509. 19-21 September, 2011. Niagara Falls, Canada.
24. **Wail Mardini**, Mai Abu Alfool, "Modified WRR Scheduling Algorithm for WiMAX Networks", Journal of Network Protocols and Algorithms, Vol 3, No 2 (2011), pp 24-53. ISSN 1943-3581. United States.
25. **Wail Mardini**, Yaser Khamayseh, Muneer Bani Yasin, Ghadeer Obiedat, "Survey of Latest WiMAX Technologies and Techniques", Journal of International Review on Computers and Software, Vol 6, No 4, pp xx-xx, ISSN 1828-6003, United States.

26. B. Alawieh, **Wail Mardini**, H. Mouftah, "A Kalman-Fuzzy Application for Rate Adaptation in IEEE 802.11 based Multihop Ad Hoc Networks", The 7th International Wireless Communications and Mobile Computing Conference (IWCMC 2011), JULY 5 - 8, 2011. ISTANBUL, TURKEY.
27. **Wail Mardini**, Muneer Bani Yassein, Zainab AbuTaye', "A NEW BACKOFF ALGORITHM FOR IEEE 802.11 DCF MAC PROTOCOL IN MOBILE AD HOC NETWORKS", Ubiquitous Computing and Communication Journal (UBICC), Vol 6, No 3 (2011), pp 907-916. ISSN 1992-8424. Republic of Korea.
28. Musab Al-Ghadi, Ismail Ababneh, **Wail Mardini**, "Performance study of SINR scheme for Vertical Handoff in wireless network", Proceeding of the International Conference on Information and Communication Systems (ICICS 2011), May 22-24, 2011. Irbid –Jordan. ISBN 978-1-45078-208-1.
29. Yaser M Khamayseh, Abdulraheem Bader, **Wail Mardini**, Muneer BaniYasein, "A New Protocol for Detecting Black Hole Nodes in Ad Hoc Networks", International Journal of Communication Networks and Information Security (IJCNIS), Vol 3, No 1 (2011), pp 36-47. ISSN: 2076-0930. Pakistan.
30. Muneer Bani Yassein, S. Al-Rushdan, **Wail Mardini**, Yaser Khamayseh, "Performance of Probabilistic Broadcasting of Dynamic Source Routing Protocol", Proceeding of The Fourth International Conference on Communication Theory, Reliability, and Quality of Service (CTRQ 2011). April 17-22, 2011 - Budapest, Hungary. ISBN: 978-1-61208-005-5.
31. Nahla Shatnawi, Qutaibah Althebyan, and **Wail Mardini**, "Detection of Insiders Misuse in Database Systems". Proceedings of The International MultiConference of Engineers and Computer Scientists (IMECS) 2011, Hong Kong, 16-18 March, 2011, pp. 323-328. ISBN: 978-988-18210-3-4.
32. Ameneh Daeinabi, Akbar Ghaffarpour Rahbar, **Wail Mardini**, "Protection of Unicast and Multicast Traffic in WDM Mesh Networks: A Survey", Computer Science Research and Technology (Book chapter). Volume 2, Nova Science Publishers 2011, USA. Pp. 1-36. ISBN: 978-1-61122-073-5
33. Ala'a Al-Howaide, **Wail Mardini**, Yaser Khamayseh, Muneer Bani Yasin. "Fast String Matching Algorithm", Proceeding of 2010 International Conference on Management Science and Engineering (MSE 2010), pages 251-254. October 17-18, 2010 Wuhan, China.
34. Yaser Khamayseh, **Wail Mardini**, Noor Al-Tarazi. "Preemptive Vs Non Preemptive Scheduling in WMN", Proceeding of 2010 International Conference on Management Science and Engineering (MSE 2010), pages 196-199. October 17-18, 2010 Wuhan, China.
35. Ismail Ababneh, **Wail Mardini**, Saad Bani-Mohammad, Helal Alawneh, Mohammad Hamed, "Effects of Allocation Request Shape Changes on Performance in 2D Mesh-Connected Multicomputers", The 2010 IEEE International Conference on Computer and Information Technology (CIT 2010). 29 June – 01 July, 2010 in Bradford, UK.
36. Muneer Bani Yassein, Osama Al oqaily, Geyong Min, **Wail Mardini**, Yaser Khamayseh, Saher Manaseer, "Enhanced Fibonacci Backoff Algorithm for Mobile Ad-Hoc Network", The 2010 International Workshop on Intelligent Sensor and Wireless Networks (IntelNet 2010). 29 June – 01 July, 2010 in Bradford, UK.
37. Yaser Khamayseh, **Wail Mardini**, Muneer Bani Yasin, "PERFORMANCE EVALUATION OF DIFFERENT MINIMUM SPANNING TREES SCHEMES FOR

- SCHEDULING IN WMNS". IADIS International Conference APPLIED COMPUTING 2009. Rome, Italy. 19 - 21 November 2009
38. Mohammad Ghaleb Ali , **Wail Mardini** , Akbar Ghaffar Pour Rahbar , Yaser Khamayseh , "Improvement of Metropolitan Wireless Networking Using Wireless Optical Mesh Networks", JDCTA: International Journal of Digital Content Technology and its Applications, Vol. 3, No. 3, pp. 60 ~ 73, 2009. Republic of Korea.
 39. M. Bani Yassein, A. Al-zou'bi, Y. Khamayseh, **Wail Mardini** , "Improvement on LEACH Protocol of Wireless Sensor Network (VLEACH)", JDCTA: International Journal of Digital Content Technology and its Applications, Vol. 3, No. 2, pp. 132 ~ 136, 2009. Republic of Korea.
 40. Ali, Mohammad G.; **Wail Mardini**; Khamayseh, Yaser; Rahbar, Akbar Ghaffar Pour, "Improvements of using the WOMN System in Communication," 5th International Symposium on High Capacity Optical Networks and Enabling Technologies, 2008. HONET 2008., Conference proceeding pp.226-232, 18-20 Nov. 2008. Penang, Malaysia.
 41. Daeinabi, Ameneh; Rahbar, Akbar Ghaffar Pour; **Wail Mardini** , "Protection of Multicast Traffic in WDM Mesh Networks," 5th International Symposium on High Capacity Optical Networks and Enabling Technologies, 2008. HONET 2008., Conference proceeding pp.192-197, 18-20 Nov. 2008. Penang, Malaysia.
 42. **Wail Mardini**; Yang, O., "Restorability Analysis of Two Protection Cycles in Random Mesh Networks," Broadband Communications, 3rd International Conference on Networks and Systems, 2006. BROADNETS 2006., vol., no., pp.1-7, 1-5 Oct. 2006. San Jose, California, USA.
 43. **Wail Mardini** , "Planar Chordal Cycles: Their Construction, Applications and Analysis in Mesh Networks," Ph.D. Thesis, School of Information Technology and Engineering., Ottawa University / Canada, 2006.
 44. **Wail Mardini** , Oliver Yang, "The Hop-Count Effect on the Optimal Spare Capacity for P-Cycles, Rings and All-Routes," Canadian Conference on Electrical and Computer Engineering, 2006. CCECE '06., vol., no., pp.1838-1841, 7 – 10 May 2006. Ottawa, Canada.
 45. **Wail Mardini**; Oliver, Y., "Optimal Backup Capacity Improvements in Optical Mesh Networks," 40th Annual Conference on Information Sciences and Systems (CISS), 2006, vol., no., pp.1696-1696, 22-24 March 2006. Princeton, New Jersey, USA.
 46. **Wail Mardini**; Yang, O.; Zhai, Y., "Using MCG to find PP-cycles in planar graphs [optical network applications]," Optical Fiber Communication Conference, 2005. Technical Digest. OFC/NFOEC , vol.3, no., pp. 3 pp. Vol. 3-, 6-11 March 2005. Anaheim, California, USA.
 47. Shah-Heydari, S.; **Wail Mardini**; Yang, O., "Theoretical analysis of restorability of Hamiltonian protection cycles in random mesh networks," Proceeding of IEEE Ninth International Symposium on Computers and Communications, 2004. IEEE ISCC 2004., vol.2, no., pp. 921-926 Vol.2, 28 June-1 July 2004. Alexandria, Egypt.
 48. Pochee, P.; **Wail Mardini** , "On Latency of a Backup System," Proceeding of IASTED Applied Simulation and Modelling Conference, 2003. September 3 – 5, 2003. Marbella, Spain.
 49. Pochee, P.; **Wail Mardini** , "Modelling with queues: an empirical study," Proceeding of IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), 2001. , vol.1, no., pp.685-689 vol.1. May 13-16, 2001. Toronto, Canada.

50. **Wail Mardini**, "Modelling with queues: Theory and empirical study," GSA (Graduate Student Association) 9th Annual Conference on Student Research, UNB Fredericton, February 15-16, 2001.

51. **Wail Mardini**, "Modelling with D-queues," Master thesis, University of New Brunswick, Fredericton, New Brunswick/ Canada, 2001..

→→ MASTER STUDENTS SUPERVISED

Master students supervised (completed):

	Name	Thesis Title	Date finished
1	Qusai Obeidat	Improved iHEM scheme for Smart Grids	July 2015
2	Duaa Bani Salameh	Smart Grids and cost optimization using improved ACCORD scheme	Dec, 2014
3	ABEDL-RaHMAN ABDUL-KARIM M ALMODAWAR	Adaptive Localization Scheme for Wireless Sensor Networks	Aug, 2013
4	Balqees Abd Elhameed Khalaf Alhababsa Elazaydeh	Adaptive Counter-Based Broadcasting Scheme in Mobile Ad-Hoc Networks	Jul, 2013
5	Marwa k. s. Salayma	Power Efficiency Model for ZigBee Network.	Jan, 2013
6	BARAQ AHMAD YAHYA GHALEB	A New Energy-Efficient Clustering and Routing Scheme in Wireless Sensor Networks	Dec, 2012
7	ghaith hussam mahmoud husari	A New Vertical Handoff Decision Scheme for Heterogeneous Wireless Networks	Jul, 2012
8	Mohammad Ahmad Mahmoud Al-olaimat	Job Migration in Contiguous Processor Allocation for Two-dimensional Multicomputer	May, 2012
9	ala'a zaid mohammad al-howaide	SCANS:Stop Character Automatic Signature Generation System	May, 2012
10	hadeel Marzouq Abd Aziz Tbeishat	Leveraging the Data Gathering and Data Analysis Phases to Gain Situational Awareness	Dec, 2011
11	Reem Ahmad Moh'd Amin Jaradat	Co-Existence Protocol for ZigBee and Wi-Fi Using Node Coordination	Dec, 2011
12	Rana Mustafa Abdalrahman Al-Hijjawi	ZigBee Coexistence with Other Wireless Technologies	Dec, 2011
13	shorouq ahmad suliman al-eidi	Optimal Number of Relays In Communication In Wireless Sensor Networks	Dec, 2011
14	mai mohammad ali abu al foul	Modified WRR Scheduling Algorithm for WiMAX Networks	May, 2011

15	Zainab Othman Marzouq AbuTaye'	A New Backoff Algorithm For IEEE 802.11 DCF MAC Protocol in Mobile Ad hoc Networks	Mar, 2011
16	musab qassem mohammed al-ghadi	Distance- Based Scheme for Vertical Handoff in Heterogeneous Wireless Networks	Nov, 2010
17	asmahan mosa sleman abu al-hassan	Performance Analysis of Adjusted Velocity-based Broadcasting in Mobile Ad Hoc Networks	May, 2010
18	nahlah mohammad amin shatnawi	Detection of Insiders Misuse in Database Systems	May, 2010
19	Hilal Ibrahim Sulieman Alawneh	Effects of Allocation Request Shape Changes on Performance in 2D Mesh-Connecied Multicomputers	Jan, 2010
20	Mohammad Galeb	IMPROVEMENT OF METROPOLITAN WIRELESS NETWORK BY USING WIRELESS OPTICAL MESH NETWORK.	Jan, 2008

Master students supervised (in progress):

	Name	Proposed Thesis Title	Date Sarted
1	Majd Radwan	data security in community smart grids users	October 2015

→→ COURSES TAUGHT AT TAIBAH/KSA:

- CS 202: Algorithms and Data Structures
- CE 321: Computer Architecture
- CS 371: Database Systems
- CS 408: Special topics (Android Development)
- CCP251: Computer graphics
- CCP242: Database systems 2

→→ COURSES TAUGHT AT JUST/JORDAN:

- CS 099 Computer Skills
- CS 115 C++ PROGRAMMING LANGUAGE
- CS 116 Visual Basic
- CS 284 Algorithms
- CS 380 Bioinformatics
- CS 442 Computer Networks
- CS 487 Simulation and Modeling
- CS 784 Advanced Algorithms
- CS 789 Seminar in Advanced Computer Science Topics

→→ COURSES TAUGHT AT OTHER UNIVERSITIES:

- CIS 631: Information Network Analysis and Design, Yarmouk University.
- CSCI 651: Algorithm Concepts, New York Institute of Technology/Jordan.

- MIST 320: Managing Data Communications and Networks, New York Institute of Technology/Jordan.

→→ SKILLS AND EXPERTISE IN PROGRAMMING AND APPLICATIONS

→Programming:

Python, Android, C/C++ using MS Visual Studio .NET and VS 6, Java, VB Macros with Microsoft Excel, Word and PowerPoint, Pascal, Basic, Fortran.

→Applications:

Microsoft Applications Word, Excel, PowerPoint, Microsoft Access, Microsoft FrontPage, Microsoft Visio, Matlab, SAS, Maple, Minitab

→Others:

CPLEX/AMPL, LEDA libraries for C/C++, Unix and Linux, Windows NT 4 Administrator, Windows 3.1/95/98/2000/xp/vista/7/8/, Linux, Software Eng.

→→ REFERENCES

References available upon request