

C. V.
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Professor of Computer Engineering
The Department of Computer Science,
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Summary

With a distinguished career as a Professor of Computer Engineering at Jordan University of Science and Technology (JUST), I bring an impressive blend of research and development expertise, as well as education and training experience to the table. My 19+ years in research and development, and over 21 years of experience in education, have resulted in a substantial body of work, including 40+ peer-reviewed research papers with over 410 citations according to Google Scholar. My journey at JUST began in 2006 as a full-time lecturer in the Computer Science Department, where I quickly rose to the rank of Assistant Professor of Computer Engineering the following year. Additionally, I served as an Adjunct Lecturer in the Computer Engineering Department at NYIT Jordan from 2008 to 2010 and took a sabbatical year at Amman Arab University in 2016. Since 2023, I have been a Full Professor at the Computer Science Department, Faculty of Computer and Information Technology (CIT) at JUST. The CIT faculty offers six bachelor's programs and four master's programs, with no PhD program currently available. Throughout my career, I have excelled in supervising over a hundred undergraduate projects and serving as a supervisor, co-advisor, external examiner, and internal examiner for over thirty theses. I have also evaluated and reviewed over forty international conference and journal papers, and have taught a multitude of graduate and undergraduate courses. The following sections of my CV provide a comprehensive representation of my achievements and qualifications.

EDUCATION

Year	Degree	Institute
2006 •	<ul style="list-style-type: none"> Ph.D. in Computer Engineering Dissertation Title: “Applying Fuzzy Logic and Reinforcement Learning to Track a Mobile Target using a Wireless Sensor Network” Major: Networking Minors: Software Engineering 	UAH * And UAB **
1999 •	<ul style="list-style-type: none"> M.Sc. in Electrical Engineering, Major: Computer Engineering Thesis title: “Mobile Robot Navigation using Neuro-Fuzzy Systems” 	JUST ***
1995 •	<ul style="list-style-type: none"> B. Sc. in Electrical Engineering, Major: Computer Engineering 	JUST

* University of Alabama in Huntsville, Alabama, USA.

** University of Alabama at Birmingham, Alabama, USA.

*** Jordan University of Science and Technology, Irbid, Jordan.

CURRENT RESEARCH INTERESTS

- IoT and Wireless Networks
- Fuzzy Logic
- AI and Robotics
- Software Engineering
- Data Analysis
- Deep and Machine Learning
- Network routing Algorithms

CURRENT POSITIONS

<i>March 2023- now</i>	• Full Professor, The Department of Computer Science	JUST
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EXPERIANCE:

<i>Sep. 2016 to Sep 2017</i>	• Associate Professor/sabbatical leave, The Department of Computer Science, Amman Arab University (AAU).	AAU
<i>Summer 2008 to Fall 2010</i>	• An adjunct professor at New York Institute of Technology (NYIT), Amman, Jordan.	NYIT
<i>June 2006 to April 2014</i>	• Assistant Professor, The Department of Computer Science	JUST
<i>Jan. 2006 to May 2006</i>	• Student Specialist, Electrical and Computer Engineering Department, UAH, Alabama, USA.	UAH
<i>May 2004 to May 2006</i>	• Research Assistant, Electrical and Computer Engineering Department, UAH, Alabama, USA.	UAH
<i>Oct. 2005 to May 2006</i>	• Graduate Research Assistants, Electrical and Computer Engineering Department	UAH
<i>Feb. 1999 to May 2002</i>	• Full Time Lecturer, The Department of Computer Science & Information Systems • Network Administrator, The Department of Computer Science & Information Systems	JUST
<i>1995-1998</i>	• Teaching Assistance (TA.), Electrical Engineering Department.	

TEACHING EXPERIANCE:

<i>CSCI 641 EENG 641</i>	• Advanced Computer Architecture (I)	NYIT
<i>MIST 320</i>	• Managing Data Communications and Networks	NYIT
<i>MIST 215</i>	• Application Program Development	NYIT
<i>CS 795</i>	• Special Topics in Computer Science (Software Design Patterns)	JUST
<i>CS 713</i>	• Software Project Management and Quality Assurance	JUST
<i>CS 710</i>	• Advanced Software Engineering	JUST
<i>CS 451</i>	• Computer Architecture	JUST

<i>CS442</i>	• Wireless Networks	JUST
<i>CS351</i>	• Computer Architecture	JUST
<i>CS 312</i>	• Object Oriented Design and Methodology	JUST
<i>CS 214</i>	• Object Oriented Modeling (UML)	JUST
<i>CS 224</i>	• Microprocessor and Microcomputer (MC68k)	JUST
<i>CS 210</i>	• Programming in C-language	JUST
<i>{CS 115</i>	• C++ Programming	JUST
<i>CIS 112</i>		
<i>CIS 115}</i>		
<i>CS 112</i>	• Object Oriented Programming	JUST
<i>CS 116</i>	• Visual Basic Programming	JUST
<i>CIS 100</i>	• Computer Skills	JUST
<i>Under Grad</i>	• Wireless Networks	AAU ⁺
<i>Under Grad</i>	• Computer Networks	AAU
<i>Under Grad</i>	• Digital Logic	AAU
<i>Under Grad</i>	• Software Analysis and Design	AAU
<i>Grad Level</i>	• Advanced Computer Networks	AAU

⁺ Amman Arab University

MY GRADUATE COURSE WORK

• Software Engineering Processing	UAH
• Object Oriented Design	UAH
• Client/Server - CORBA	UAH
• U.M.L	UAH
• Computer communication networks	UAH
• Wireless Networks	J.U.S.T
• Advanced Networks	J.U.S.T
• Operating systems	J.U.S.T
• Systems programming	UAH
• Theory program development	UAH
• Multiple agents	J.U.S.T
• Artificial Intelligence	J.U.S.T
• Advanced computer system organization (Parallel)	J.U.S.T
• Advanced trends in computer architecture	UAH
• Parallel Programming	UAH
• Computer Architecture	UAH
• Advanced logic Design	UAH
• Automata theory	J.U.S.T
• Fault-tolerant digital systems	J.U.S.T
• Random processes	J.U.S.T

- **Tashtoush, Y.**, Obeidat, R., Al-Shorman, A., Darwish O., Al-Ramahi M., Darweesh D., “Enhanced Convolutional Neural Network for Non-Small Cell Lung Cancer Classification”, *International Journal of Electrical and Computer Engineering (IJECE)*, 2023. Scopus Q2. <http://doi.org/10.11591/ijece.v13i1.pp1024-1038>

- **Tashtoush, Y.**, Abu-El-Rub, N., Darwish, O., Al-Eidi, S., Darweesh, D., Karajeh, O. “A Notional Understanding of the Relationship between Cod Readability and Software Complexity”, *Information* 2023, 14, 81. Scopus Q2. <https://doi.org/10.3390/info14020081>

- Darwish, O., **Tashtoush, Y.**, Bashayreh, A., Alomar, A., Alkhaza'leh, S., and Darweesh, D., (2022), “A Survey of Uncover Misleading and Cyberbullying on Social Media for Public Health”, *Cluster Computing*, Springer Nature, Accepted August 2022. Scopus Q2. <https://doi.org/10.1007/s10586-022-03706-z>

- **Tashtoush, Y.**, Darweesh, D., Karajeh O., Darwish O., Maabreh, M., Swedat, S., Koraysh, R., Almousa, O., Alsaedi, N., (2022), “Survey on Authentication and Security Protocols and Schemes Over 5G Networks”, *International Journal of Distributed Sensor Networks*, 2022; 18(10). Scopus Q1. [doi:10.1177/15501329221126609/](https://doi.org/10.1177/15501329221126609/)

- **Tashtoush, Y.**, Darweesh, D., Darwish, O., Alsinglawi, B., & Obeidat, R., “A Classifier to Detect Profit and Non Profit Websites Upon Textual Metrics for Security Purposes”, *Journal of ICT Research and Applications*, 16(1),81-91, 2022. Scopus Q2. <https://doi.org/10.5614/itbj.ict.res.appl.2022.16.1.6>

- Tashtoush, Y, Alrababah B, Darwish O, Maabreh M, Alsaedi N. A “Deep Learning Framework for Detection of COVID-19 Fake News on Social Media Platforms”, *Data*, ISDN: 2306-5729, 2022; 7(5):65. Scopus Q2. <https://doi.org/10.3390/data7050065>

- **Tashtoush Y**, Al-refai, M., Al-refai, G., Darweesh, D., Zaghal, N., & Darwish, O. (2022). “Dynamic Traffic Light System to Reduce The Waiting Time of Emergency Vehicles at Intersections within IoT Environment”, *International Journal of Computers Communications & control*, 17(3). Scopus Q1. doi: [10.15837/ijccc.2022.3.4482](https://doi.org/10.15837/ijccc.2022.3.4482)

- **Yahya M. Tashtoush** et al., "Agile Approaches for Cybersecurity Systems, IoT and Intelligent Transportation," in *IEEE Access*, vol. 10, pp. 1360-1375, 2022. Scopus Q1. doi: [10.1109/ACCESS.2021.3136861](https://doi.org/10.1109/ACCESS.2021.3136861).

- **Yahya Tashtoush**, Haj-Mahmoud I, Darwish O, Maabreh M, Alsinglawi B, Elkhodr M, Alsaedi N. Enhancing Robots Navigation in Internet of Things Indoor Systems. *Computers*. 2021; 10(11):153. Scopus Q2. <https://doi.org/10.3390/computers10110153>
- **Yahya M. Tashtoush**, Alsmirat, M. A., and Alghadi, T. (2016), "Geometric sequence based multipath routing protocol for multi-hop ad hoc networks", *International Journal of Pervasive Computing and Communications*, Vol. 12 No. 4, pp. 394-407. Scopus Q3. <https://doi.org/10.1108/IJPC-08-2016-0041>
- Mohammed A. Shehab, **Yahya M. Tashtoush**, Wegdan A. Hussien, Mohammed N. Alandoli, and Yaser Jararweh, "An Accumulated Cognitive Approach to Measure Software Complexity", *Journal of Advances in Information Technology*, Vol. 6, No. 1, pp. 27-33, February, 2015. <http://dx.doi.org/10.12720/jait.6.1.27-33>
- **Yahya Tashtoush**, Mohammed Al-Maolegi, and Bassam Arkok. "The Correlation among Software Complexity Metrics with Case Study", *International Journal of Advanced Computer Research*, Vol. 4, No. 2 Issue 15, 2014. <http://arxiv.org/abs/1408.4523>
- **Yahya Tashtoush**, Omar Darwish, and Mohammad Hayajneh, "Fibonacci Sequence Based Multipath Load Balancing Approach for Mobile Ad Hoc Networks", *Ad Hoc Networks*, (Elsevir, Impact 1.456), Vol. 16, pp. 237-246, 2014. <https://doi.org/10.1016/j.adhoc.2013.12.015>
- **Yahya M. Tashtoush**, Derar Darwish, Motasim Albdarneh, Izzat M. Alsmadi and Khalid Alkhatib. "A Business Classifier to Detect Readability Metrics on Software Games and Their Types", *International Journal of E-Entrepreneurship and Innovation (IJEEI)*, Vol. 4 Issue 4, (2013): 47-57. Web. 20 May. 2014.
- **Yahya M. Tashtoush**, Mohammad Hayajneh, Omar Darwish, Ahmad A. Momani and Yazan A. shboul, "DNB-AODV: Dynamic neighbors based contention window approach for IEEE 802.11 AODV MAC protocol", *Journal of Next Generation Information Technology*, Vol. 4, No.4 , 2013.
- **Yahya Tashtoush**, Zeinab Odat, Izzat Alsmadi and Maryan Yatim, "Impact of Programming Features on Code Readability", *International Journal of Software Engineering and Its applications*, Vol. 7 No.6, pp. 441-458, 2013.
- **Yahya M. Tashtoush**, Aisha Zaidan and Izzat M. Alsmadi, "Implications for Websites Trust and Credibility Assessment", *International Journal of E-Entrepreneurship and Innovation (IJEEI)*, USA, Vol. 3. Issue 4, 17 pages, 2013.

- Mostafa Z. Ali, Khalid Alkatib and **Yahya Tashtoush**, “Cultural Algorithms: Emerging Social Structures for the Solution of Complex Optimization Problems”, International Journal of Artificial Intelligence, ISSN 0974-0635, Vol. 11, No. A13, 2013.
- **Yahya M. Tashtoush** and Omar Darwish, "A Novel Multipath Load Balancing Approach using Fibonacci Series for Mobile Ad Hoc Networks", International Journal of Computer Theory and Engineering (IJCTE, ISSN: 1793-8201) Vol.4, No. 2, April 2012.
- O. Al-Jarrah, and **Yahya Tashtoush**, "Mobile robot navigation using fuzzy logic", Intelligent Automation and Soft Computing Journal, Vol 3, No. 2, USA, 2007, pp. 211-228.

INDEX AND REFEREEED CONFERENCES

- O. Darwish, **Y. Tashtoush**, et al. (2023). "Identifying Fake News in the Russian-Ukrainian Conflict Using Machine Learning." In: Barolli, L. (eds) Advanced Information Networking and Applications. AINA 2023. Lecture Notes in Networks and Systems, vol 655. Springer, Cham. https://doi.org/10.1007/978-3-031-28694-0_51
- K. Balhaf, O. Darwish, E. Rawashdeh, M. AbuAwad, D. Darwish, **Y. Tashtoush**, and S. Rawashdeh, "Classifying Arabian Gulf Tweets to Detect People's Trends: A case study," *2022 Ninth International Conference on Social Networks Analysis, Management and Security (SNAMS)*, Milan, Italy, 2022, pp. 1-8, doi: 10.1109/SNAMS58071.2022.10062585.
- O. Younis, **Y. Tashtoush**, M. Alomari and O. Darwish, "A Platform for Automated Solar Data Analysis Using Machine Learning," *2022 Ninth International Conference on Social Networks Analysis, Management and Security (SNAMS)*, Milan, Italy, 2022, pp. 1-4, doi: 10.1109/SNAMS58071.2022.10062702.
- M. Maabreh, O. Darwish, O. Karajeh and **Y. Tashtoush**, "On developing deep learning models with particle swarm optimization in the presence of poisoning attacks," *2022 International Arab Conference on Information Technology (ACIT)*, 2022, pp. 1-5, doi: [10.1109/ACIT57182.2022.9994126](https://doi.org/10.1109/ACIT57182.2022.9994126).
- O. Darwish, S. Herzallah, M. Maabreh, S. Al-Eidi, M. Al-Maani and **Y. Tashtoush**, "A Classifier to Detect Stream Applications Based on Network Traffic Statistical Metrics," *2022 International Arab Conference on Information Technology (ACIT)*, 2022, pp. 1-8, doi: [10.1109/ACIT57182.2022.9994184](https://doi.org/10.1109/ACIT57182.2022.9994184).
- **Yahya M. Tashtoush**, W. Doulat, S. Banat, N. Alkhdour, D. Darweesh and O. Darwish, "Project Management Effort Estimation Using Agile Manager game platform," *2022 13th International Conference on Information and Communication*

Systems (ICICS), 2022, pp. 149-154, doi: [10.1109/ICICS55353.2022.9811211](https://doi.org/10.1109/ICICS55353.2022.9811211).

- M. B. Issa, O. Darwish, D. H. Allah, F. Shatnawi, D. Darweesh and **Yahya M. Tashtoush**, "Analysis of Jordanian University Students Problems Using Data Mining System," *2022 13th International Conference on Information and Communication Systems (ICICS)*, 2022, pp. 220-225, doi: [10.1109/ICICS55353.2022.9811199](https://doi.org/10.1109/ICICS55353.2022.9811199).
- **Yahya Tashtoush**, A. Magableh, O. Darwish, L. Smadi, O. Alomari and A. ALghazoo, "Detecting Arabic YouTube Spam Using Data Mining Techniques," 2022 10th International Symposium on Digital Forensics and Security (ISDFS), Istanbul, Turkey, 2022, pp. 1-5, doi: [10.1109/ISDFS55398.2022.9800840](https://doi.org/10.1109/ISDFS55398.2022.9800840).
- N. Abualsha'ar, M. Al-Jararwah, G. Al-Refai, A. B. Amer, **Yahya Tashtoush** and M. Al-Refai, "Retrieve Information From Articles By Using Quick Response Code," 2020 IEEE International Conference on Electro Information Technology (EIT), USA, 2020, pp. 001-006, doi: [10.1109/EIT48999.2020.9208287](https://doi.org/10.1109/EIT48999.2020.9208287).
- **Tashtoush, Yahya** and D. A. Al Aziz Orabi, "Tweets Emotion Prediction by Using Fuzzy Logic System," 2019 Sixth International Conference on Social Networks Analysis, Management and Security (SNAMS), Granada, Spain, 2019, pp. 83-90, doi: 10.1109/SNAMS.2019.8931878.
- **Tashtoush, Yahya**, AlRashdan, M. N., Salameh, O., & Alsmirat, M., (2019, January). Swagger-based jQuery Ajax Validation. In 2019 IEEE 9th Annual Computing and Communication Workshop and Conference (CCWC), Las Vegas, USA. (pp. 0069- 0072). IEEE.
- Mohammad, D. R., Al-Momani, **Tashtoush, Yahya**, & Alsmirat, M., (2019, January). A Comparative Analysis of Quality Assurance Automated Testing Tools for Windows Mobile Applications. In 2019 IEEE 9th Annual Computing and Communication Workshop and Conference (CCWC), Las Vegas, USA. (pp. 0414-0419). IEEE.
- **Yahya M. Tashtoush**, Ashraf Alsmadi, Amnah AlAbdi, Noor Ababneh and Omar Almousa, "An Analysis of Android Web App Manifest", 23rd IEEE FRUCT Conference, Bologna, Italy 2018.
- **Yahya M. Tashtoush**, Ali M. Khalid, "Faulhaber's Formula Based Multipath Load Balancing Routing Protocol for Mobile Ad hoc Networks", 2 International Computer Sciences and Informatics Conference (ICSIC), Amman , Jordan, 2017.
- **Yahya M. Tashtoush**, Majd Al-Soud, Manar Fraihat, Walaa Al-Sarayrah, Mohammad A. Alsmirat, "Adaptive E-learning Web-based English Tutor Using Data Mining Techniques and Jackson's Learning Styles", 8th International Conference on

Information and Communication Systems (ICICS) Irbid, Jordan, 2017.

- **Yahya M. Tashtoush**, Majd R. Al-Soud, Reema AbuJazoh, Manar Al-Frehat, “The noble quran Arabic ontology: Domain ontological model and evaluation of human and social relations”, 8th International Conference on Information and Communication Systems (ICICS) Irbid, Jordan, 2017.
- Wegdan A. Hussien, **Yahya Tashtoush**, Mahmoud Al-Ayyoub, and Mohammed Al-Kani, “Are emoticons good enough to train emotion classifiers of Arabic tweets?”, 7th International Conference on Computer Science and Information Technology (CSIT), IEEE, Amman, Jordan, 2016.
- **Yahya M. Tashtoush**, Ala' F. Darabseh and Huda N. Al-Sarhan, “The Arabian E-Government Websites Accessibility: A Case study”, The International Conference on Information and Communication Systems (ICICS 2016), Irbid, Jordan, 2016.
- **Yahya M. Tashtoush** and Israa Haj-Mahmoud, “Fuzzy Speed Controller for Mobile Robots Navigation in Unknown Static Environments”, The International Conference on Digital Information Processing, E-Business and Cloud Computing (DIPECC), Dubai, UAE, 2013.
- Aisha Zaidan, **Yahya M. Tashtoush** and Izzat M. Alsmadi, “Websites and WebPages Credibility and Trust Evaluation”, The 3rd International Conference on Digital Information Processing and Communications (ICDIP), Dubai, UAE, 2013.
- **Yahya M. Tashtoush** and Omar Darwish, "A Novel Multipath Load Balancing Approach using Fibonacci Series for Mobile Ad Hoc Networks", 2011 International Conference on Information and Computer Applications (ICICA 2011), Dubai, UAE, March 18-20, 2011.
- Hussein R. Al-Zoubi and **Yahya M. Tashtoush**, “A Comparative Study between Wireless Preemptive and Non-Preemptive Traffic Lights by Emergency Vehicles using Simulations”, The 3rd International Conference on Computational Intelligence and Industrial Application (PACIIA'10), 4-5 December 2010, Wuhan, China.
- **Yahya M. Tashtoush** and Abed-Alkareem Al-Enizy, "Decentralized Fuzzy Controlling for Target Classification Using Wireless Sensor Networks", 3rd International Conference on Intelligent and Advanced Systems Program, Kuala Lumpur, Malaysia, June 14-17, 2010.

Yahya M. Tashtoush, O.A. Younis, and M.H. Alomari, "A Learning System Platform or Automated Data Analysis: A

Practical Application on Historical Solar Data", 4th International Symposium on Information Technology (ITSIM'10), Kuala Lumpur, Malaysia, June 14-17, 2010.

- **Yahya M. Tashtoush** and Mohammed Okour, "Fuzzy Self-Clustering for Wireless Sensor Networks", 2008 IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC 2008), Shanghai, China, December 17-20, 2008.
- **Yahya M. Tashtoush**, B. Wells, and T. Jannett, "Applying fuzzy-reinforcement learning to track a mobile target using a wireless sensor network", Proc. Of the 2005 International Conf. on Wireless Networks (ICWN'05), Las Vegas, USA, 2005, pp.427-433.
- O. Al-Jarrah, and **Yahya Tashtoush**, "Mobile robot navigation using fuzzy logic", The 2001 International Arab Conference on Information Technology (ACIT'2001), Irbid, Jordan, 2001.

PREPRINT RESEARCH

- Hussien, W., Al-Ayyoub, **Tashtoush, Yahya**, & Al-Kabi, M. (2019). On the Use of Emojis to Train Emotion Classifiers. arXiv preprint arXiv:1902.08906.

ONGOING RESEARCH AND ARTICLES

- Information Retrieving and Classification Cybersecurity Log Files
- Lung Cancer Detection and Classification using Deep learning.
- Cybersecurity, Machine level detection and classification
- Notional Understanding of the Relations between Code Readability and Software Complexity, Completed Feb 2023.

THESIS SUPERVISED (SELECTED)

- Areen Bani Salameh, "Arabic Cyberbullying Detection and Classification in Social Networks Using Deep Learning", 2023.
- Abdullah Al-Shurman, "Lung Cancer Detection and Classification from Chest CT Scan Images using Deep Learning", 2022.
- Balqis Al-Rababia, "Fake News Detection for Coronavirus (COVID-19) pandemic on social media using deep learning techniques", 2022.
- Dana Orabi, "Tweets Emotion Prediction by using Two-Layered Fuzzy Logic System", 2019.
- Tasneem Al-Malaah, "An Analysis of Android Web App Manifest", 2018.

- Mustafa A. Faeth, “Enhancing MANET Congestion Using Hybrid Multipath load balancing Technique”, **AAU**, 2018
- Ali Mohammed Khalid, “Faulhaber's Formula Based Multipath Load Balancing Routing Protocol for Mobile Ad hoc Networks”, **AAU**, 2017.
- Islam Shakir Al-Husban,” A Novel Mode Selection Algorithm for Device-to-Device Communication Systems to Enhance the System Throughput”, 2016.
- Areen Amjad Al-Rabadi, “Routing Algorithms for Multiagent System in A Contaminated Unknown Area”, 2016.
- Wejdaan Abdulqadir Husain, “Automatic Emoji-Based Training for Emotion Classification of Arabic Tweets,” 2016.
- Tasneem Qasim Al-Gadi, “Geometric Sequence Based Mutipath Load Balancing Approach for Mobile Ad Hoc Networks”, 2015.
- Shatha M. Al-Shloul, “An Empirical Inspection of the Refactoring Tools Impacts on Software Quality”, 2015.
- D. Darwish, “A Notional Understanding of the Relations between Code Readability and Software Complexity”, 2014.
- I. Haj-Mahmoud, “Addressing the Local Minima and Speed for Mobile Robots in Unknown”, 2013.
- A. Zaidan, “Evaluating Credibility Features for Web Pages Retrieved by Using Various Search Engines”, 2012.
- S. A. Albaset, “Constructing an intelligent immersive Virtual Reality tutoring system for teaching students to practice appendectomy surgery”, 2012.
- N. Abu-el-rub, “Investigating The Impact of Programming Features on Code Readability”, 2011.
- O. Darwish, “A Novel Multipath Load Balancing Approach using Fibonacci Sequence for Mobile Ad Hoc Networks”, 2010.
- A. S. Alenazy, “Decentralized Fuzzy Scheduling for Target Tracking using Wireless Sensor Networks”, 2010.
- M. A. Okour, “Fuzzy Self-Clustering for Wireless Sensor Networks”, 2008.

FUNDED PROJECTS

- 2021-Now
Title: “A Large-scale CT Scan Dataset for Lung Cancer Detection and Classification”.
Funded by: JUST Research Faculty
- July 2009—2011
Title: “Using Wireless Transmission for Faster Service of Emergency Vehicles”.

Funded by: Scientific Research Fund, Ministry of Higher Education and Scientific Research, The Hashemite Kingdom of Jordan.

- 2010—2011:
Title: “I-teacher”.
Funded by: JUST Research Faculty

ACADEMIC COMMITTEES

- Member of Software Engineering Program Curriculum establishing
- Head of the CS Department
- ABET Readiness Report committee.
- Member of CS Dept. for Accreditation Board for ABET committee
- Coordinator of CS Dept. for Employment and promotion committee
- Head/Member of Curriculum committee
- Representative of CS Department in the Faculty of CIT Council
- Head/Member of the Scientific Research committee
- Head/Member of the Study Schedule committee
- Head/Member of promotion committee at the CS department and CIT Faculty
- Member of the Graduate studies committee
- External Examiner as a member of thesis defense committees (AAU, The Hashemite University, Yarmouk University, Jordan University, and Al-Balqa' University)

AWARDS AND HONORS

- 2014- 2018: ACM-JCPC programming competition coach.
 - Reward Second place in the ACM-JCPC-2018 programming competition.
 - Reward First and Third places in the ACM-Arabilla-2018 programming competition.
 - Reward the first and the Third places in the ACM-JCPC-2016 programming competition.
 - My teams got the 1st positions in the Arabella-CPC-2015 programming competition.
 - My teams got the 2nd and 3rd positions in the JCPC-2015 programming competition.
- Sep 2014—Sep 2015
The Department of Computer Science, Chairman.
Jordan University of Science and Technology.
- May 2002—April 2006
A fellowship from J.U.S.T to complete the Ph.D. Degree in Computer Engineering from University of Alabama in Huntsville (UAH), USA.
- 1990—1995:

Scholarship from the Jordanian Government to complete the B.S. Degree in Electrical Engineering from J.U.S.T, Jordan.

PROFESSIONAL AREA

- Software Engineering, OO programming languages, Modeling Language UML, Wireless Networks, Embedded Systems, Computer Organization and Architecture, CORBA, Parallel Programming MPI, NS2, Python, C, C++, C# and JAVA, Visual Basic, Microprocessors, Assembly Language (Motorola and Intel), and many others.

REFERENCES

To be assigned when required

WWW INFORMATION

- **Website:** <https://www.just.edu.jo/~yahya-t>
- **ResearchGate:** <https://www.researchgate.net/profile/Yahya-Tashtoush>
- **Google Scholar:** [Yahya M. Tashtoush - Google Scholar](#)
- **ORCID:** <https://orcid.org/0000-0002-4248-8732>
- **Scopus:** [Tashtoush, Yahya M. - Author details - Scopus](#)