

Curriculum Vitae

Prof. Abdallah Qusef, PhD., PMI-PMP, IEEE Senior Member

Personal Details:

Name: Abdallah Darweesh Qusef
Nationality: Jordanian
Mobile: + 962 (0) 79 7379603
Number: Work: + 962 (0) 6 5359949 ext 5481
Address (work): King Hussien School for Computing Sciences
Princess Sumaya University for Technology,
P. O. Box 1438, Postal Code
11941 Amman, Jordan
E-mail: a.qusef@psut.edu.jo
Personal Website: <https://psut.edu.jo/en/staff/professor/dr-abdallah-darweesh-qusef>



Specialization: Computer Science / Software Engineering

Academic Qualifications:

March 2012 **Ph.D.** in Computer Science
Major: Software Engineering
University of Salerno, Italy.
Thesis Title: Recovering Test-to-Code Traceability Links Using Slicing and Textual Analysis
Supervisors: Prof. Andrea De Lucia and Prof. Rocco Oliveto
June 2005 **M.Sc.** in Computer Science, Average 3.81 / 4.
Balqa'a Applied University
Thesis Title: Discrete Logarithm Attacks against RSA Cryptosystem
Supervisor: Prof. Saleh Oqeili
June 2001 **B.Sc.** in Computer Science, Average 3.1 / 4
The University of Jordan.
1997 General Secondary Education Certificate Exam Scientific Branch, Average 88.4%

Academic Posts

13/09/2025- Present	Head of Software Engineering Department King Hussien School for Computing Sciences Princess Sumaya University for Technology, Amman, Jordan
23/01/2025- Present	Full Professor King Hussien School for Computing Sciences Princess Sumaya University for Technology, Amman, Jordan
31/12/2019– 22/01/2025	Associate Professor King Hussien School for Computing Sciences Princess Sumaya University for Technology, Amman, Jordan
14/09/2016- 14/09/2017	Head of Software Engineering Department King Hussien School for Computing Sciences Princess Sumaya University for Technology, Amman, Jordan
14/09/2013- 14/09/2019	Assistant Professor King Hussien School for Computing Sciences Princess Sumaya University for Technology, Amman, Jordan
2/2012–3/2013	Academic Researcher University of Salerno, Italy.

Industrial Experience

03/2013- now	Software Quality Assurance Consultant I have good experience as a software quality assurance consultant, working with multiple companies to ensure robust and efficient software solutions. You specialize in test automation, manual testing, and quality assurance processes, utilizing industry-standard tools such as JIRA for test and defect management, Selenium for automated functional testing, and POSTMAN for API testing. Your expertise includes designing test strategies, executing test cases, identifying defects, and improving software reliability. You contribute to optimizing development workflows, enhancing test coverage, and ensuring seamless user experiences through rigorous testing methodologies.
05/2001 – 05/2009	Royal Scientific Society, Senior System Analyst I have worked at the Royal Scientific Society (RSS), the largest applied research institution, consultation, and technical service provider in Jordan, with more than 600 staff members. As part of his work, I participated in RSS projects as an analyst and designer using different techniques in Database Design and Oracle/Java programming. I was satisfied to see how my templates are used by programmers and some designers, and I was proud to see many of his projects applicable to different users. During the period from 2001 to 2009, I participated in analyzing, designing, and programming multiple administrative and financial systems in many ministries and governmental departments in Jordan, such as the Ministry of Communications, Ministry of Agriculture, Ministry of Public and Housing, Civil Service Bureau and Income Tax Department.

Professional Membership, Editorial Board, Organizing and Technical Committees

1. IEEE
 - IEEE Jordan Section-Treasurer (01/01/2024-present)
 - IEEE Senior Member (15/02/2020-Present).
 - IEEE Member (01/01/2010-14/2/2020).
 - IEEE Jordan Section Executive Committee Member – Educational Activities Officer.
 - Proctor for the teams participating in IEEEExtreme (from 2014-now)
2. Technical committee and peer reviewer for the following conferences:
 - PC member in ICICS2026
 - Track Chair in JEEIT 2024
 - Program author in ETCEA2026.
 - PC member in CSIT2026.
3. Technical committee & Reviewer for the following journals:
 - Neural Computing & Applications
 - Computers & Electrical Engineering
 - Journal of Computer Science
 - Cogent Social Sciences
 - Journal of Game Studies (JGS)
 - IEEE Access
 - Journal of Open Innovation: Technology, Market, and Complexity
 - Frontiers in Computer Science
 - Artificial Intelligence Review
 - International Journal of Human-Computer Interaction
 - Heliyon Journal
 - Applied Sciences Journal
 - Journal of Software: Evolution and Process
 - Journal of King Saud University – Science
 - e-Informatica Software Engineering

- IET Software
 - Cluster Computing
4. Other Committees:
- ACM member
 - PMI member
 - Certified auditor from the Higher Education Accreditation and Quality Assurance Commission in Jordan.
 - Co- founder of the National Software Quality Assurance Center at RSS.

Prizes – Awards

1. 2021 – SITA 2021 Hackathon – 3rd place
2. 2020 – Best paper Award in ICTA, Hungary.
3. 2019 – 3rd Dell Envision to Future competition - 3rd Place.
4. 2019 – PSUT Distinguished Researcher.
5. 2016 – Proctor for the team that achieved the 5th ranking in the world out of 1941 teams- IEEEExtreme competition.

Research Interests

Software Engineering
Information Security
E-Business

Publications:

Scopus Author Identifier: 36675659700

ORCID: orcid.org/ 0000-0003-4769-6992

International Journals

1. Alsalthi, N.; Eltahir, M. Al Gharaibeh, F.; **Qusef, A.**; “Blended learning after the COVID-19 pandemic: Undergraduate students’ perspectives on the application of blended learning in higher education”. Contemporary Educational Technology. 18,2, 2026.
2. Armouti, B.; Khader, S.; **Qusef, A.**; Althunibat, A.; “High-Precision Prioritization for Arabic Bug Reports: Fine-Tuning asafayaBERT with Transfer Learning”. Procedia Computer Science. 280, 76-83, 2026.
3. Alqawasmi, A.; Alsalthi, N.; El-Mneizel, A.; Al Gharaibeh, F.; **Qusef, A.**; “Exploring Students' Perceptions of ChatGPT-Supported Learning for Understanding Science Topics”. 2025 26th International Arab Conference on Information Technology (ACIT).
4. Al-Qatarneh, D.; **Qusef, A.**; “Enhancing Quality of Experience in Mobile Computing: Challenges, Solutions, and Future Directions”.2025 26th International Arab Conference on Information Technology (ACIT).
5. S. Alsaraireh, **A. Qusef**, Q. Abu Al-Haija, L. Shaggah. “Code Smell Detection Using ML Techniques Leveraging GANs as Oversampling Method”. Intelligent Computing-Proceedings of the Computing Conference, 164-186, 2025.
6. **Qusef, A.**; Murad, S.; Alsalthi, N.; Al Gharaibeh, F.; ",Leveraging Artificial Intelligence to Identify Students with Learning Challenges," International Journal of Learning, Teaching and Educational Research",24,5,,2025,
7. Bulkrock, O.; Bani Mustafa, A.; **Qusef, A.** ",Predicting Product Rating Based on Customer Reviews and Feedback, "Sustainable Data Management: Navigating Big Data, Communication Technology, and Business Digital Leadership. Volume 1",,,377-388,2025,Springer Nature Switzerland Cham
8. Fteiha, M.; Najdawi, A.; Alsalthi, N.; **Qusef, A.**; ",Knowledge and Attitudes of Faculty Members Regarding Artificial Intelligence (AI): A Case Study in Higher Education.,Eurasian

- Journal of Educational Research (EJER),110,,2024,
9. Azzeh, M.; **Qusef, A.**; Alabboushi, O.; ",Arabic fake news detection in social media context using word embeddings and pre-trained transformers, Arabian Journal for Science and Engineering,50,2,923-936,2025,Springer Berlin Heidelberg
 10. Elbarassi, F.; Alouri, Y.; **Qusef, A.**; Alsalthi, N.; Murad, S.; Al-Dawoodi, A.; ",Energy management system for a small town to enhance quality of life,Open Engineering,14,1,20220599,2024,De Gruyter
 11. Alsalthi, N.; Faza, A.; **Qusef, A.**; Al-Dawoodi, A.; Shudayfat, E.; ",A Case Study of Princess Sumaya University for Technology (PSUT) Engineering Students' Perceptions of Utilizing Simulation Software via Online Learning., International Journal of Engineering Pedagogy,14,1,,2024,
 12. Jibat D.; Jamjoom, S.; Al-Haija, Q.; Qusef, A.; ",A systematic review: Detecting phishing websites using data mining models, Intelligent and Converged Networks,4,4,326-341,2023,TUP.
 13. **Qusef A.**; Ghazi A., Al-Dawoodi A., Alsalthi N. Rajeh S., Eman A., Alqawasmi A., Al-Qatawneh, S., Murad S.; ",An energy management system using optimized hybrid artificial neural network for hybrid energy system in microgrid applications,Operational Research in Engineering Sciences: Theory and Applications,6,2,,2023.
 14. Aljazara A., Tuhaimer N.; Alawwad A., Hani K., **Qusef A.**, Alsalthi N.; Al-Dawoodi A.; ",Quality of 3D Printed Objects Using Fused Deposition Modeling (FDM) Technology in Terms of Dimensional Accuracy., International Journal of Online & Biomedical Engineering,19,14,,2023.
 15. Hawi, L.A., Sharqawi, S., Al-Haija, Q.A., **Qusef, A.**, Empirical Evaluation of Machine Learning Performance in Forecasting Cryptocurrencies, Journal of Advances in Information Technology, Vol. 14,Issue 4, pp: 639-647,2023.
 16. **Qusef, A.**, Murad, S., Alsalthi, N., Shudayfat, E., Post-Refactoring Recovery of Unit Tests: An Automated Approach, International Journal of Interactive Mobile Technologies, Vol. 17, Issue 8, pp: 39-58,2023.
 17. Karadsheh, O., Ahmad, A., Hosny, A., Omar, E., Bushra, H., **Qusef, A.**, Alsalthi, N.R., Zyoud, S.H., The Quality of Civil Engineering Graduates: Case of Jordan, Journal of Statistics Applications and Probability, Vol. 12, Issue 1, pp: 267-276,2023.
 18. Kastiro, L.A., **Qusef, A.D.**, Alsalthi, N.R.,E-Learning Service Quality During COVID-19 Pandemic from Postgraduate Students' Perspective in Jordan, International Journal of Emerging Technologies in Learning, Vol. 17, Issue 24, pp: 219-232,2022.
 19. Irsheid, A., Murad, A., Alnajdawi, M., **Qusef, A.**, Information security risk management models for cloud hosted systems: A comparative study, Procedia Computer Science, Vol. 204,, pp: 205-217,2022.
 20. Muhanna, M., Masoud, A., **Qusef, A.**, Usability Heuristics for Evaluating Arabic Mobile Games, International Journal of Computer Games Technology, 2022.
 21. Bsoul, M.A., **Qusef, A.**, Abu-Soud, S., Building an Optimal Dataset for Arabic Fake News Detection, Procedia Computer Science, Vol. 201, pp: 665-672,2022.
 22. **Qusef, A.**, Alkilani, H., The effect of ISO/IEC 27001 standard over open-source intelligence, PeerJ Computer Science, Vol. 8, 2022.
 23. Alsalthi, N.R., **Qusef, A.D.**, Al-Qatawneh, S.S., Eltahir, M.E., Students' perspective on online assessment during the covid-19 pandemic in higher education institutions, Information Sciences Letters, Vol. 11, Issue 1, pp: 37-46,2022.
 24. **Qusef, A.**, Ayasrah, A., Shaout, A., Comprehensive approach to implement e-government backend in jordan using service-oriented architecture, International Journal of Software Innovation, Vol. 9, Issue 2, pp: 122-135,2021.
 25. Ashi, Z., Aburashed, L., Al-Qudah, M., **Qusef, A.**, Network Intrusion Detection Systems Using Supervised Machine Learning Classification And Dimensionality Reduction Techniques: A Systematic Review, Jordanian Journal of Computers and Information Technology, Vol. 7, Issue 4, pp: 373-390,2021.

26. Aljawabrah, N., **Qusef, A.**, Gergely, T., Pati, A., Visualizing Multilevel Test-to-Code Relations, Communications in Computer and Information Science, Vol. 1350, pp: 510-519,2021
27. **Qusef, A.**, Albadarneh, A., Elish, S., Muhanna, M., Mitigating personalization challenges in mobile commerce: An empirical study, Computers and Electrical Engineering, Vol. 89, 2021.
28. Muhanna, M.A., Amro, R.N., **Qusef, A.**, Using a new set of heuristics in evaluating Arabic interfaces, Journal of King Saud University - Computer and Information Sciences, Vol 32, Issue 2, pp: 248-253,2020
29. Zakaria, M., **Qusef, A.**, Albadarneh, I., Albadarneh, A., New hybrid methodology for secure systems, Journal of Theoretical and Applied Information Technology, Vol. 97, Issue 24, pp: 3698-3716,2019
30. Murad, S., Al-Kayem, A., Manasrah, A., Halemah, N.A., **Qusef, A.**, The correlation between customer satisfaction and service quality in jordanian uber & careem, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, Issue 12, pp: 5186-5192,2019
31. **Qusef, A.**, Ayasrah, A., Shaout, A., Muhanna, M., By two: A two-dimensional mobile game model for novice developers, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 14, Issue 3, pp: 1336-1344,2019
32. **Qusef, A.**, Elish, M.O., Binkley, D., An exploratory study of the relationship between software test smells and fault-proneness, IEEE Access, Vol. 7, pp:139526-139536,2019
33. Kiswani, J., Muhanna, M., **Qusef, A.**, Smart-EIS: An end to end Enterprise Information Systems framework, Journal of Computer Science, Vol. 14, Issue 12, pp:1638-1659,2018
34. Bavota, G., **Qusef, A.**, Oliveto, R., De Lucia, A., Binkley, D., Are test smells really harmful? An empirical study, Empirical Software Engineering, Vol. 20, Issue 4, pp: 1052-1094,2015
35. **Qusef, A.**, Bavota, G., Oliveto, R., De Lucia, A., Binkley, D., Recovering test-to-code traceability using slicing and textual analysis, Journal of Systems and Software, Vol. 88, Issue 1, pp: 147-168,2014
36. **Qusef, A.**, Bavota, G., Oliveto, R., Lucia, A.D., Binkley, D., Evaluating test-to-code traceability recovery methods through controlled experiments, Journal of software: Evolution and Process, Vol. 25, Issue 11, pp: 1167-1191,2013
37. De Lucia, A., **Qusef, A.**, Requirements engineering in agile software development, Journal of Emerging Technologies in Web Intelligence, Vol. 2, Issue 3, pp: 212-220,2010

International Conferences

1. **Qusef, A.**; Mosa, H.; El-Hassan, A.; ",Improving Fake News Detection in Arabic Using ML and DL Algorithms, Proceedings of the 2025 14th International Conference on Software and Computer Applications,,279-283,2025,
2. Alsaraireh, S., **Qusef, A.**; Al-Haija, Q.; Al Shaggah, L.; ",Code Smell Detection Using ML Techniques Leveraging GANs as Oversampling Method, Intelligent Computing-Proceedings of the Computing Conference,,164-186,2025, Springer Nature Switzerland Cham
3. Bulkrock, O., BaniMustafa, A.; **Qusef, A.**; ",Data-Driven Decision-Making in IT Projects: A Regression Application in Software Estimation,2025 International Conference on New Trends in Computing Sciences (ICTCS),,1-6,2025,IEEE
4. Al-Herani, A.; Zakarneh, D.; **Qusef, A.**; ",Navigating Challenges and Opportunities in Project Management for Global Software Development,2025 International Conference on New Trends in Computing Sciences (ICTCS),,32-38,2025,IEEE
5. Bulkrock, O.; **Qusef, A.**; BaniMustafa, A.; ",Sentiment Analysis of Customer Feedback and Reviews in E-Commerce Systems,2025 International Conference on New Trends in Computing Sciences (ICTCS),,379-385,2025,IEEE
6. Ibrahim, R.; **Qusef, A.**; ",Software Bug Count Prediction Using Abstract Syntax Trees (ASTs),Proceedings of the 2024 13th International Conference on Software and Information Engineering,,39-45,2024,
7. Mosa, H.; Saleh, A.; **Qusef, A.**; Altamimi, A.; Alnabhan, M., ",Leveraging Blockchain for Ethical Sourcing and Sustainability in Supply Chains: A Systematic Review,2024 25th

- International Arab Conference on Information Technology (ACIT),,,1-7,2024,IEEE
8. Shehadeh, A.; ALTaweel, H.; **Qusef, A.**; ", "Analysis of data mining techniques on KDD-Cup'99, NSL-KDD and UNSW-NB15 datasets for intrusion detection",2023 24th International Arab Conference on Information Technology (ACIT),,,1-6,2023,IEEE
 9. Qatanani, D.O., **Qusef, A.**, Factors Influencing the Adoption of E-commerce in Jordanian SMEs,2023 International Conference on Information Technology: Cybersecurity Challenges for Sustainable Cities, ICIT 2023 - Proceeding, pp: 244-249,2023.
 10. Qatanani, D.O., **Qusef, A.**, Mobile Application Testing Strategies and Challenges: A Case Study In Jordan,2023 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2023,pp: 58-63,2023.
 11. Kiblawi, T., Muhanna, M., **Qusef, A.**, The Role of Software Architecture in Business Model Transformability,2023 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2023, pp: 68-73,2023.
 12. Qaqish, E., Aranki, A., Al-Haija, Q.A., **Qusef, A.**, Security Comparison of Blockchain and Cloud-based Identity Management: Considering the Scalability Problem,6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings,pp:1078-1085,2023.
 13. Khlefat, H., Attar, H., **Qusef, A.**, E-Food: Success Factors for Establishing Online Food Retailing: A Case Study from Jordan,2022 International Conference on Emerging Trends in Computing and Engineering Applications, ETCEA 2022 - Proceedings,,2022.
 14. Al-Tawara, F., Salamin, S., **Qusef, A.**, Key Factors Influencing Consumers' Behavioral Intention towards Adopting and Using Mobile Commerce Services Amid and Post COVID-19 Pandemic, Proceedings - 2022 23rd International Arab Conference on Information Technology, ACIT 2022,,2022.
 15. Qasaimeh, M., Halemah, N.A., Rawashdeh, R., Al-Qassas, R.S., **Qusef, A.**, Systematic Review of E-commerce Security Issues and Customer Satisfaction Impact, Proceedings - 2022 International Conference on Engineering and MIS, ICEMIS 2022,,2022.
 16. Salamin, S., Al-Tawara, F., **Qusef, A.**, The Correlation between E-Banking Services Quality and Customers' Satisfaction During COVID-19 Pandemic: A Case Study, Proceedings - 2022 International Conference on Engineering and MIS, ICEMIS 2022,,2022.
 17. Abulhaija, S., Hattab, S., **Qusef, A.**, Cyber Security Awareness, Knowledge and Behavior in the Banking Sector in Jordan,2022 13th International Conference on Information and Communication Systems, ICICS 2022,pp: 48-53,2022.
 18. Al Omari, H., Barham, S., **Qusef, A.**, Data Strategy and Its Impact on Open Government Data Quality,2021 International Conference on Information Technology, ICIT 2021 -Proceedings, pp: 648-653,2021.
 19. Alnaaji, H., **Qusef, A.**, A Conceptual Framework for Representing Business Functions and Their Role in the Quality of E-Banking Services,2021 International Conference on Information Technology, ICIT 2021 - Proceedings, pp: 627-633,2021
 20. Abushamleh, H., Al-Hiyari, N., **Qusef, A.**, The Intention to Use E-wallet during Covid-19 Pandemic in Developing Country,2021 12th International Conference on Information and Communication Systems, ICICS 2021, pp: 310-316,2021
 21. Abushamleh, H., **Qusef, A.**, Students' Satisfaction and Service Quality in Distance Education during COVID-19 Pandemic in Jordan,2021 Innovation and New Trends in Engineering, Technology and Science Education Conference, IETSEC 2021,,2021.
 22. Alkilani, H., **Qusef, A.**, Osint techniques integration with risk assessment ISO/IEC 27001, ACM International Conference Proceeding Series, pp: 82-86,2021.
 23. Nasereddin, M., **Qusef, A.**, Risk assessment in smartphones: Comprehensive analysis, ACM International Conference Proceeding Series, pp: 87-91,2021.
 24. Qabalin, M., Odeh, D., Almahaireh, A., **Qusef, A.**, Credit cards theft using social engineering over WhatsApp: A survey study,2021 22nd International Arab Conference on Information Technology, ACIT 2021,,2021.
 25. Attar, R.A., Al-Nemri, J., Homs, A., **Qusef, A.**, Risk Assessment for Emerging Domains (IoT,

- Cloud Computing, and AI),2021 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2021 - Proceedings, pp: 120-127,2021.
26. Salamin, S., Khlefat, H., **Qusef, A.**, Communication Amid COVID-19 and Its Impact on Project Management Effectiveness: A Case Study from Jordan,2021 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2021 - Proceedings, pp:199-204,2021.
 27. Qatanani, D., Al-Tawara, F., **Qusef, A.**, Success Factors Of Agile Projects: Case Study For Projects In Jordan During Covid-19 Pandemic,2021 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2021 - Proceedings, pp: 95-102,2021.
 28. Albataineh, A., **Qusef, A.**, Why Companies in Jordan Should Adopt e-Business Solutions?,2020 11th International Conference on Information and Communication Systems, ICICS 2020, pp: 272-276,2020.
 29. Aljawabrah, N., **Qusef, A.**, TCtracVis: Test-to-code traceability links visualization tool, ACM International Conference Proceeding Series,,2019.
 30. **Qusef, A.**, Issa, L., Ayoubi, E., Murad, S., Challenges and opportunities in cloud testing, ACM International Conference Proceeding Series,,2019.
 31. **Qusef, A.**, Daradkah, M., Sammour, G., Albadarneh, A., A new e-tendering model for fully automated tendering process, Proceedings - 2019 International Arab Conference on Information Technology, ACIT 2019, pp: 193-201,2019.
 32. Jaradat, A., **Qusef, A.**, Automatic recovery of unit tests after code refactoring, Proceedings - 2019 International Arab Conference on Information Technology, ACIT 2019, pp: 202-208,2019.
 33. Qasem, G.A., **Qusef, A.**, Team Building Activities for Virtual Teams in Jordanian Companies: Vision and Survey, Proceedings of 2019 International Conference of Computer Science and Renewable Energies, ICCSRE 2019,,2019.
 34. Issa, L., Alkhatib, M., Al-Badarneh, A., **Qusef, A.**, Employee Retention in Agile Project Management,2019 10th International Conference on Information and Communication Systems, ICICS 2019,pp: 160-165,2019.
 35. Arafat, M., **Qusef, A.**, Sammour, G., Detection of Wangiri Telecommunication Fraud Using Ensemble Learning,2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings, pp: 330-335,2019.
 36. Arafat, M., **Qusef, A.**, Al-Taher, S.,Steam's Early Access Model: A Study on Consumers' Perspective,2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology, JEEIT 2019 - Proceedings, pp: 336-341,2019.
 37. Murad, G., Badarneh, A., **Qusef, A.**, Almasalha, F., Software Testing Techniques in IoT,2018 8th International Conference on Computer Science and Information Technology, CSIT 2018, pp: 17-22,2018.
 38. Al-Far, A., **Qusef, A.**, Almajali, S., Measuring Impact Score on Confidentiality, Integrity, and Availability Using Code Metrics,ACIT 2018 - 19th International Arab Conference on Information Technology,,2018.
 39. **Qusef, A.**, Hassan, M., Power of Using Regular Expression Patterns in Software Coding Standards Quality Control, ACIT 2018 - 19th International Arab Conference on Information Technology,,2018.
 40. Shanyour, B., **Qusef, A.**, Global Software Development and its Impact on Software Quality,5th International Symposium on Innovation in Information and Communication Technology, ISIICT 2018,,2018.
 41. **Qusef, A.**, Arafat, M., Al-Taher, S.,Organizational management role in information security management system, ACM International Conference Proceeding Series,,2018.
 42. Daradkah, M., Al Jounidy, E., **Qusef, A.**, Top-Down vs. Bottom-Up in project management: A practical model,ACM International Conference Proceeding Series,,2018.
 43. Albadarneh, A., **Qusef, A.**, Personalization in mobile commerce, ICIT 2017 - 8th International Conference on Information Technology, Proceedings, pp: 889-894,2017.

44. Kiswani, J., Muhanna, M., **Qusef, A.**, Using metadata in optimizing the design and development of enterprise information systems, 2017 8th International Conference on Information and Communication Systems, ICICS 2017, pp: 188-193, 2017.
45. **Qusef, A.**, Kiswani, J., Project Manager Roles in Software Information Systems: Case Studies from Jordan, Springer Proceedings in Business and Economics, pp: 223-227, 2017.
46. Mohammed, M., Elish, M., **Qusef, A.**, Empirical insight into the context of design patterns: Modularity analysis, Proceedings - CSIT 2016: 2016 7th International Conference on Computer Science and Information Technology, 2016.
47. **Qusef, A.**, Ismail, K., Social Media in project communications management, Proceedings - CSIT 2016: 2016 7th International Conference on Computer Science and Information Technology, 2016.
48. **Qusef, A.**, Albadarneh, I., Albadarneh, A., GitBull: Source code hosting web application, 2015 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies, AEECT 2015, 2015.
49. Albadarneh, A., Albadarneh, I., **Qusef, A.**, Risk management in Agile software development: A comparative study, 2015 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies, AEECT 2015, 2015.
50. **Qusef, A.**, Test-to-code traceability: Why and how?, 2013 IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies, AEECT 2013, 2013.
51. Bavota, G., **Qusef, A.**, Oliveto, R., De Lucia, A., Binkley, D., An empirical analysis of the distribution of unit test smells and their impact on software maintenance, IEEE International Conference on Software Maintenance, ICSM, pp: 56-65, 2012.
52. **Qusef, A.**, Recovering test-to-code traceability via slicing and conceptual coupling, Proceedings - Working Conference on Reverse Engineering, WCRE, pp: 417-420, 2011.
53. **Qusef, A.**, Bavota, G., Oliveto, R., De Lucia, A., Binkley, D., SCOTCH: Slicing and coupling based test to code trace hunter, Proceedings - Working Conference on Reverse Engineering, WCRE, pp: 443-444, 2011.
54. **Qusef, A.**, Bavota, G., Oliveto, R., De Lucia, A., Binkley, D., SCOTCH: Test-to-code traceability using slicing and conceptual coupling, IEEE International Conference on Software Maintenance, ICSM, pp: 63-72, 2011.
55. **Qusef, A.**, Oliveto, R., De Lucia, A., Recovering traceability links between unit tests and classes under test: An improved method, IEEE International Conference on Software Maintenance, ICSM, 2010.

Teaching & Training

Princess Sumaya University for Technology

- Software Project Management
- Auditing / Quality Management
- Enterprise Mobile Computing
- Introduction to Software Engineering
- Electronic Business
- Structured Programming
- Information Management & Assurance
- Computer Skills (Remedial)
- Software Quality Assurance and Testing
- Visual Programming for Business
- IT Project Management
- Software Documentation
- Software Re-Engineering
- Risk Management for Software projects
- Software Requirements Analysis
- Database Management System
- Software Reverse Engineering

- Data Structures and Introduction to Algorithms
- Information System Risk Management
- Software Design and Architecture

Industry Training

- Selenium Tool
- Oracle Database: PL/SQL Fundamentals
- Managing Data Analysis Using Excel
- Service-Oriented Architecture (SOA) Overview
- Agile Software Development
- Software Engineering
- Information Systems Risk Management.
- Problem Solving and Decision Making.
- Cybersecurity Fundamentals.
- Software Testing: Techniques & Tools.
- Automation Software Testing
- Statistical Quality Control
- Lean 6 sigma- Green belt
- Root Causes Analysis
- Unit testing Why & How?
- Advanced SQL course.
- Python Programming
- Project Management Professional (PMP).
- Big Data Analytics.
- Malicious Software Analysis
- Object Oriented Programming (Java & C++)
- Software Design: Techniques & Tools.
- R Programming.
- Business Analysis
- Advanced ICDL.

Technical Skills and Experience

- Software Development Life Cycle (SDLC) experience including Analysis, Design and Review of Business and Software Requirement Specifications; Development, and Testing.
- Conducting GAP analysis by identifying existing technologies, documenting the enhancements to meet the end-state requirements, User Acceptance Testing (UAT).
- Manage system and application testing, writing test plans and test cases to ensure the quality delivery requirements.
- Manage the testing of problem fixes during the maintenance of operational Information Systems.
- Conducted original research and performed data analysis using R.
- Prepared involute SQL scripts for ODBC and DB servers for analysis and modeling.
- Programmed code of qualitative variable and manipulation tasks with different statistical methodologies.
- Prepared scripts to ascertain opportune data access, manipulation, and reporting functions with R programming languages.
- Supported technical team members in developing automated data extraction and analysis processes.
- Participated in learning techniques for statistical analysis projects, algorithms, and incipient methods.
- Experience of working on Business, Technical and Functional Requirements.
- Database Design Working with Different Tools in Software Development.
- Oracle Products: Oracle Database 11g, 10g, Oracle Developer (Forms, Reports), Oracle Database Administration.
- DB Tools: TOAD from Quest software
- DB Design Tools (Sybase Power Designs)

Master Thesis Supervision –Princess Sumaya University for Technology

Student Name	Title	Viva Date
Heba Alzawahrah	Customizing TMMI Standards for E-Business Platforms Implementing Continuous Deliver	30/7/2017
Mais Arafat	Detection of Wangiri Telecommunication Fraud Using Ensemble Learning	30/07/2019
Mohammad Al-Bsool	Building An Optimal Dataset For Arabic Fake News Detection	30/05/2021
Dina Odeh	he Impact of best practices of TQM implementation on healthcare performance: The mediating role of situational factor Covid-19 pandemic	15/03/2022
Feda'a Tawarah	Factors influencing the adoption of m-government services among Jordanian citizen	15/08/2023
Shatha Salamin	Digital Banking in the Era of COVID-19 and Beyond: Key Factors Affecting Customers Intention for Adopting Mobile Banking and Mobile Payment Services in Jordan	15/08/2023

Committees & Councils

- **Princess Sumaya University for Technology (2013 – Present):**
 - Member of Deanship of Graduate Studies Council (2020-2022)
 - Coordinator of the Master in Enterprise Systems Engineering
 - Program Head of Scientific Research Committee
 - Member of website development committee
 - Member of the Scientific Research, Conferences, Seminars, and Expositions Committee.
 - Member of Scientific Week Committee.
 - Member of the Supervising Committee on Students Union's elections.
 - Member of Faculty's Library Committee.
 - Member of Social Committee.
 - Member of Interaction with local society Committee.
 - Member of the M.Sc. Theses Examination Committees.
 - Member of Social Committee.
 - Head and Member of the Graduation Projects and Training Committee.
 - Member of the Students Affairs and Counselling Committee.
 - Member of the Library Committee.
 - Member of the Curriculum Planning Committee