


1. Position	Associate Professor of Data Communication and Networking, Faculty of Computing and IT, and the Dean of E-learning, University of Science and Technology, Yemen.	
2. Name of Staff	Associate Prof. Dr. Ammar Thabit Zahary	
3. Contacts	Email: <a href="mailto:aalzahary@gmail.com">aalzahary@gmail.com</a> ; <a href="mailto:a.zahary@ust.edu.ye">a.zahary@ust.edu.ye</a> ; <a href="mailto:zahary@su.edu.ye">zahary@su.edu.ye</a>	Mobile: +967 735 053 090
4. Date of Birth	13 January 1972	Nationality: Yemeni
5. Education	<p>Degree/qualification obtained: Ph.D.  Field: Data Communication and Networking Engineering  College/University: De Montfort University, Leicester, UK  Dates attended: 2004 - 2008  The title of my Ph.D. thesis: "Improving Routing Performance of Multipath Ad Hoc On-Demand Distance Vector in Mobile Ad Hoc Networks"</p> <p>Degree/qualification obtained: Master of Science  Field: Computer Engineering  College/University: University of Science and Technology, Yemen  Dates attended: 1999 - 2001</p> <p>Degree/qualification obtained: Bachelor of Engineering  Field: Electrical Communications and Electronic Engineering  Major: Computer and Control Engineering  College/University: Cairo University, Egypt  Dates attended: 1992 - 1997</p>	
6. Membership of Professional Associations/Visits	<ul style="list-style-type: none"> <li>- IEEE Senior Member, USA, 2018 – present.</li> <li>- Review editor board member at Frontiers of Internet of Things, UK, April 2022 – present.</li> <li>- Chair of IEEE Yemen Subsection since November 2018 - present.</li> <li>- Editorial board member of the International Journal of Computational Complexity and Intelligent Algorithms from Inderscience Publishers, UK, 2019 – present.</li> <li>- Member of the committee of developing the National Accreditation Reference Standards (NARS) for Undergraduate Computing Programs in Yemen, Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research, Yemen, 2018.</li> <li>- Concerning my research and academic visits, I have been invited many times to the UK between 2010 and 2014 as an academic and research visitor. Two research visits to De Montfort University, UK (in 2009 and 2010) and two research visits to Edinburgh Napier University in the UK.</li> <li>- In 2023, I was appointed as the coordinator of the ARTORRR project for academic exchange between Offenburg University, Germany, and Sana’a University, Yemen. This project is sponsored by the DAAD organization in Germany. I visited Offenburg University in Germany in October 2023 with the Yemeni team for research and academic exchange in the fields of the Internet of Things, Embedded Systems, and Blockchain.</li> </ul>	

## 7. Training

- Training for Certified eLearning Lecturer, Professional Charter Certificate, The Academy of eLearning, UK, November 2022.
- Training for qualifying external reviewers for academic programs, 28 May- 2 June 2022 at the Council of Accreditation and Quality Assurance (CAQA), Sana'a, Yemen.
- Training on Academic Programs Quality and Accreditation, July 2021, Hadhramout University, Mukalla, Yemen.
- Training on ABET accreditation for Engineering Programs, July 2021, Hadhramout University, Mukalla, Yemen.
- Training course of academic program self-evaluation for national accreditation based on standards of the Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research, 2013.
- Training on Preparing Course Specification Phase II, Higher Education Quality Improvement Project (HEQIP), World Bank, Course Specification Workshop Phase II, Taiz University, Yemen.
- Training on QIT Leadership, Reviewing the progress of 2012 in World Bank Projects, HEQIP, World Bank Mission 2013, Movenpic, Sana'a, Yemen, Dec 2012.
- Training on Preparing Course Specification Phase I, HEQIP, World Bank, Course Specification Workshop Phase I, Taiz University, Yemen, 2012.
- Training on Preparing Study Plan and PILOs Mapping, HEQIP, World Bank, Study Plan and PILOs Mapping Workshop, Taiz University, Yemen, 2012.
- Training on QIT Leadership, Preparing TOR, and Procurement Process in World Bank Projects, HEQIP, World Bank Mission 2012, Marriot Hotel, Amman, Jordan, April 2012.
- Training on Preparing PILOs, Competencies, and PSD, HEQIP Project, World Bank, PILOF Workshop, Taiz University, Yemen, 2012.
- Training on Quality Improvement Team (QIT) leadership, HEQIP, World Bank, Movenpic Hotel, Sana'a, Yemen, 2012.
- Training course of evaluation of academic program outcomes, Teaching and Learning Centre, University of Science and Technology, Yemen, 2010.
- Training course of academic program self-evaluation, Teaching and Learning Centre, University of Science and Technology, Yemen, 2010.
- Training course of course syllabus and curriculum, Teaching and Learning Centre, University of Science and Technology, Yemen, 2010.
- Training course of Program Specification Document (PSD), Teaching and Learning Centre, University of Science and Technology, Yemen, 2009.
- Training course of preparation of the academic performance reports, Teaching and Learning Centre, University of Science and Technology, Yemen, 2009.
- Training course of teaching methods for undergraduate students, Teaching and Learning Centre, University of Science and Technology, Yemen, 2009.

### **Workshops and Seminars:**

- Participated in the 1<sup>st</sup> and the 2<sup>nd</sup> workshops of Internet of Things, Embedded Systems, and Blockchain organized in Cairo, Egypt during 18-21 Sep 2023 and in Germany 4-6 October by ARTORRR project for academic exchange between Offenburg University, Germany, and Sana'a University, Yemen. This project is sponsored by the DAAD organization in Germany.
- Participated in the workshop for preparing the Master Program of Information Systems, Sana'a University, Yemen, 2020.
- Supervising the workshop on preparing the strategy of Al-Hekma University, 2019.
- Supervising the workshop on the strategy of Azal University for Human Development, 2017.
- Participated in the workshop for preparing the Master Program of Information Technology, Sana'a University, Yemen, 2020.

	<ul style="list-style-type: none"> <li>▪ Participated in the workshop on determining the priorities of scientific research related to ICT in Yemen, Andalus University, Yemen, 2020.</li> <li>▪ QIT leader and Chair of organizing Committee for 4 workshops executed at Taiz University to develop PILOs, Competencies, Study Plans, Course Specification, and PSD of Computer Networks and Distributed Systems, Taiz University, under supervision and sponsorship by World Bank, HEQIP Project, Yemen, 2012.</li> <li>▪ Participated as a steering committee member in the 11th symposium of the Arabic International Conference on Information Technology (ACIT'2010), Benghazi, Libya, 14-16 Dec 2010.</li> <li>▪ Participated in the workshop for preparing the Program Specification Document (PSD) of Computer Networks and Distributed Systems, Taiz University (governmental university), the program is funded by the World Bank in Yemen, 2012.</li> <li>▪ Participated in a workshop on curriculum development for three departments at the University of Science and Technology, Yemen; Computer Science and IT Dept., Computer Engineering Dept., and Information Systems Dept. Title of my presentation "ACM/IEEE Curriculum of Computing", 2008.</li> <li>▪ Participated in a workshop on developing regulations for undergraduate projects in Computer Science and IT Dept, 2008.</li> <li>▪ Participated in a workshop on quality assurance of higher education in the Arab world, one activity of the 11th symposium of the Arabic International Conference on Information Technology (ACIT'2009), Sana'a, Yemen, December 2009.</li> <li>▪ Participated as a dean audience in the 9th symposium of the Arabic International Conference on Information Technology (ACIT'2008), Safx, Tunisia.</li> <li>▪ Participated as a presenter in a workshop on "Sensor Networks", De Montfort University, Leicester, UK, 2010.</li> <li>▪ Seminar on Developing Academy Programs based on standards of Council of Accreditation and Quality Assurance in Yemen, Azal University, Yemen, 2015.</li> <li>▪ Seminar on Pervasive Computing and Trends, Faculty of Computing, UST, Yemen, 2014.</li> <li>▪ Series of seminars on curriculum development presented to the staff of Taiz University during 4 workshops executed in Taiz University to develop PILOs, Competencies, Study Plans, Course Specification, and PSD of Computer Networks and Distributed Systems, Taiz University, under the sponsorship of World Bank, HEQIP Project, Yemen, 2012-2014.</li> <li>▪ Participated as a paper presenter in the 11th symposium of the Arabic International Conference on Information Technology (ACIT2009), Sana'a, Yemen. (2 presentations)</li> <li>▪ Participated as a paper presenter in the International Conference on Computers and Systems organized by IEEE Proceedings (ICCES'08), Egypt, 2008.</li> <li>▪ Participated as a paper presenter in the International Conference on Computers and Systems organized by IEEE Proceedings (ICCES'07), Cairo, Egypt, 2007.</li> </ul>
8. Language	<p>English: Excellent reading writing and speaking, I was awarded my Ph.D. degree by a British university (De Montfort University, UK).</p> <p>Arabic: Excellent reading writing and speaking</p>
9. Employment Record/ Experience	<p>16 years of work experience, worked with different academic bodies and business sectors in Yemen:</p> <ul style="list-style-type: none"> <li>▪ Dean of e-Learning and Distance Learning, University of Science and Technology Sana'a (UST), Yemen, August 2021 – present.</li> <li>▪ Associate Professor of Data Communication and Networking, Faculty of Computer and IT, Sana'a University, since Dec 2014 – present (currently part-time).</li> </ul>

- Certified eLearning Lecturer, Professional Charter Certificate, The Academy of eLearning, UK, November 2022.
- Vice Chancellor and the Dean of Postgraduate Studies, Azal University for Human Development, Sana'a, Yemen, Jan 2019 – Apr 2021.
- Consultant of the University President for Quality Assurance and Accreditation, Azal University for Human Development, Sana'a, Yemen, Nov 2015 – Dec 2018.
- Dean of Faculty of Engineering and IT, Azal University for Human Development, Sana'a, Yemen, Nov 2015 – Dec 2018.
- Consultant for Developing University Strategy, Al-Hekma University, Sana'a, Yemen, 2019.
- Consultant for Developing University Strategy, Azal University for Human Development, Sana'a, Yemen, 2017 - 2018.
- Member of the committee of developing the National Accreditation Reference Standards (NARS) for Computing Programs in Yemen, Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research, Yemen, 2018.
- Director of Quality Assurance and Accreditation, University of Science and Technology, Yemen, 2013 –2015.
- Reviewer and consultant for QIT of developing Computer Science Program, Hajja University, Sponsored by World Bank, HEQIP Project, 2012 –2014:
- A member of the first group selected by the Yemeni Council of Accreditation and Quality Assurance (CAQA) as the experts in developing academic programs in Yemen, Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research, Yemen, 2014.
- Assistant Professor of Data Communication and Networking, Faculty of Engineering and IT, Taiz University, Yemen, Jan 2011 – Feb 2013.
- Project Leader of Quality Improvement Team (QIT) for Computer Networks and Distributed Systems Program Sponsored by World Bank, Taiz University, Sponsored by World Bank and Ministry of Higher Education, Yemen, 2012 - 2013.
- Head of Computer Science and IT Department, University of Science and Technology, Yemen, 2008 – 2010.
- Trainer and reviewer for preparing Program Specification Document (PSD), Course Specification, and Self-assessment Study for most programs in the University of Science and Technology based on standards of the Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research in Yemen, 2014.
- Leading the national accreditation process for the University of Science and Technology based on standards of the Council of Accreditation and Quality Assurance (CAQA), Ministry of Higher Education and Scientific Research in Yemen, 2013.
- Leading the process of developing the PILOs, Competencies, Study Plan, Course Specification, and PSD of Computer Networks and Distributed Systems, Taiz University, under supervision and sponsorship by World Bank, HEQIP Project, Yemen, 2012.
- As the QIT leader of the Computer Networks and Distributed Systems Program at Taiz University, I participated in the team to execute a Study Tour for 2 weeks to Edinburgh Napier University, Scotland, UK within a program arranged between the Scottish university and HEQIP Project, World Bank, 2012.
- Practicing on course syllabus design and curriculum of the new Software Engineering program at UST, Yemen in cooperation with iCarnegie (Sponsored by Carnegie Mellon University, USA), 2010.

- Practicing in building Program Specification Documents (PSDs) of three programs in Computer Science and IT Dept., University of Science and Technology, Yemen; Computer Networks Program, IT Program and Software Engineering Program, 2008.
- Practicing in the building course syllabus and curriculum of three programs in Computer Science and IT Dept., University of Science and Technology, Yemen; Computer Networks Program, IT Program and Software Engineering Program, 2008.
- Practicing in the training course of teaching methods for undergraduate students, University of Science and Technology, Yemen, 2008.
- I was the main supervisor on more than 50 master theses of Graduate Students in the Master Program of Computing at the University of Science and Technology in Yemen, and the Master Program of Computer Information Systems at the Arab Academy for Banking and Financial Sciences, Yemen Branch, and the program of Mater in Information Technology, Sana'a University, Yemen, 2009 – Present.
- I was the field and local supervisor of two Ph.D. students at De Montfort University, UK, and USM, Malaysia respectively in 2009 and 2011.
- I supervised and I still supervising more than 10 Ph.D. theses in the program of Ph.D. in Information Technology, at Sana'a University, Yemen.
- I am currently the main supervisor of 12 graduate theses in the program of Master in Information Technology at Sana'a University, and the program of Master of Computing at the University of Science and Technology, Yemen.

**Research experience:**

- I have more than 60 publications, more than 30 are ISI or Scopus between Q1 and Q4 and IEEE conference papers. My research h-index is 11 in Google Scholar and 8 in Scopus.

<https://scholar.google.com/citations?user=AWCNGm8AAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=24726534200>

<https://orcid.org/my-orcid?orcid=0000-0001-7873-3667>

- Supervised many conferences, workshops, symposiums, and IEEE Day activities in Yemen under the technical sponsorship of IEEE Yemen Subsections. From Nov 2018 - present.

- Program Committee Chair and Keynote speaker in many IEEE conferences, 2019 – present.

- Program Committee member for the first and the second International Conference for E-Learning, 2020 and 2021.

- Review editor board member at Frontiers of Internet of Things, UK, April 2022 – present.

- Chair of IEEE Yemen Subsection from Nov 2018 to Dec 2022.

- Editorial board member of the International Journal of Computational Complexity and Intelligent Algorithms from Inderscience Publishers, UK, 2019 – present.

- Reviewer with ISI Q1 journal (CMC-Computers, Materials & Continua) at Tech Science Press and Scopus journal (Library High Tech) at Emerald Publisher since 2020 until now.

- Steering committee member of International Arab Conference of IT (ACIT), Colleges of Computing and Information Society (CCIS), Stemming from the Association of Arab Universities, Jordan, 2009-2012.

**Business and Consulting Experience:**

- General Manager of Elite Tecs Company for Technical Solutions, Sana'a, Yemen, 2013 – present.

	<ul style="list-style-type: none"> <li>▪ Project manager for providing IT managed services and outsourcing for the enterprise sector in Yemen which is provided by Elite Tecs Company for Technical Solutions, Sana'a, Yemen, 2016 – present.</li> <li>▪ ERP Implementation Consultant for many corporations and companies in Yemen, 2019 – present.</li> <li>▪ 2008 –2010: Supervisor (CIO) of Computer and IT Centre for the following: <ul style="list-style-type: none"> <li>▪ Technical supervision on the project of ERP implementation for the University of Science and Technology (UST), Yemen which was implemented by METEOR (a Malaysian Company), 2008-2010.</li> <li>▪ Requirement gathering, analysis, and specifications determination for UST software system, chairman of the committee, 2009.</li> <li>▪ Solving the problems of graduated data in the UST system, chairman of the committee, 2008.</li> <li>▪ Chairman of computer centre evaluation committee which was required to evaluate and develop the IT infrastructure and data centre of UST, 2008.</li> </ul> </li> <li>▪ March 2006 – June 2008: Consultant for Itexsolutions Company, a member of Shihab Agencies Group in Yemen. I have prepared many consultancies, system analysis studies, requirements analysis, and system designs for many projects with this company such as the following: <ul style="list-style-type: none"> <li>▪ July 2008: A comprehensive study on the requirements of implementing Wi-Max Systems for data networks in Yemen.</li> <li>▪ Jan - Mar 2007: Evaluation Study for Enterprise Resource Planning (ERP) Systems for the most common ERP products world.</li> <li>▪ Nov 2007: Study on the hardware requirements of Oracle ERP system for FMCG in Yemen.</li> <li>▪ Apr– May 2007: Evaluation of some technical offers submitted regarding the tender of Maritime Affairs Authorization (MAA) in Yemen (a governmental organization).</li> <li>▪ Mar - Jun 2007: Study of Shihab Agencies requirement analysis and modeling.</li> <li>▪ Apr - June 2006: Study on GPS Solutions in Yemen including vehicles and van sales tracking and Black box system requirements in Yemen.</li> <li>▪ March - April 2006: I have prepared a requirement analysis study including planning, design, operation, and evolution of software requirements for Unitel GSM Company in Yemen (it is also called Y Cellular Company).</li> </ul> </li> </ul>
10. Referees	<p><b>Prof. Ahmed Al-Dubai</b>  Leader of Network Theme – Centre of Distributed Computing, Networks &amp; Security, College of Computing, Edinburgh Napier University, 10 Colinton Road, EH10 5DT, Edinburgh, UK.  Professional Relationship: Academic Visit Collaboration  Email: <a href="mailto:a.al-dubai@napier.ac.uk">a.al-dubai@napier.ac.uk</a></p> <p><b>Prof. Aladdin Ayesh</b>  Vice Dean for Joint Institute of Data Sciences and Artificial Intelligence, Aberdeen University, UK.  Professional Relationship: My Ph.D. supervisor and Publishing Co-Author  Email: <a href="mailto:Aladdin.ayesh@abdn.ac.uk">Aladdin.ayesh@abdn.ac.uk</a></p> <p><b>Prof. Axel Sikora</b>  Director of the Institute of Reliable Embedded Systems and Communication Electronics (iVESK), Offenburg University, Germany.  Professional Relationship: Academic Exchange Collaboration  Email: <a href="mailto:axel.sikora@hs-offenburg.de">axel.sikora@hs-offenburg.de</a></p>

	<p><b>Prof. Belal Al-Fuhaidi</b>  Professional Relationship: Dean of the Faculty of Computing and IT, University of Science and Technology, Sana'a, Yemen  Email: <a href="mailto:belalarh@ust.edu.ye">belalarh@ust.edu.ye</a></p> <p><b>Prof. Abdulqader Mohsen</b>  Chair of IEEE Yemen Subsection  Associate Professor of AI, Aden University, Yemen  Professional Relationship: Colleague in Execution Committee of IEEE Yemen Subsection  Email: <a href="mailto:a.alabadi.fcit@aden-univ.net">a.alabadi.fcit@aden-univ.net</a></p>
<p><b>11. Publication List  (Journal Papers)</b></p>	<ul style="list-style-type: none"> <li>▪ M. A. Areqi, A. T. Zahary and M. N. Ali, "State-of-the-Art Device-to-Device Communication Solutions," in IEEE Access, vol. 11, pp. 46734-46764, 2023, doi: 10.1109/ACCESS.2023.3275915.</li> <li>▪ Elham A. Shammam, Ammar T. Zahary, Asma A. Al-Shargabi, "An Attribute-Based Access Control Model for Internet of Things Using Hyperledger Fabric Blockchain", Wireless Communications and Mobile Computing, vol. 2022, Article ID 6926408, 25 pages, 2022. <a href="https://doi.org/10.1155/2022/6926408">https://doi.org/10.1155/2022/6926408</a>.</li> <li>▪ M. A. Hadi, I. A. Al-Baltah, and A. T. Zahary, "A survey on mobile payment applications and adopted theoretical models", Sustainable Engineering and Innovation, vol. 4, no. 2, pp. 112-126, Jul. 2022.</li> <li>▪ A. Kadir Hamid, F. N. Al-Wesabi, N. Nemri, A. Zahary and I. Khan, "An optimized algorithm for resource allocation for d2d in heterogeneous networks," Computers, Materials &amp; Continua, vol. 70, no.2, pp. 2923–2936, 2022.</li> <li>▪ A. Al-Ezzi, A. A. Al-Shargabi, F. Al-Shargie, and A. T. Zahary, "Complexity Analysis of EEG in Patients with Social Anxiety Disorder Using Fuzzy Entropy and Machine Learning Techniques," in IEEE Access, vol. 10, pp. 39926-39938, 2022, doi: 10.1109/ACCESS.2022.3165199.</li> <li>▪ E. A. Shammam, A. T. Zahary and A. A. Al-Shargabi, "A Survey of IoT and Blockchain Integration: Security Perspective," in IEEE Access, vol. 9, pp. 156114-156150, 2021, doi: 10.1109/ACCESS.2021.3129697.</li> <li>▪ M. A. A. Almekhlaf, F. N. Al-Wesabi, I. Khan, N. Nemri, K. Mahmood et al., "Analysis and assessment of wind energy potential of Socotra archipelago in Yemen," Computers, Materials &amp; Continua, vol. 70, no.1, pp. 1177–1193, 2022.</li> <li>▪ S. Bashir, I. Khan, F. N. Al-Wesabi, N. Nemri, A. Zahary et al., "An optimized algorithm for d2d-mimo 5g wireless networks," Computers, Materials &amp; Continua, vol. 68, no.3, pp. 3029-3044, 2021.</li> <li>▪ Redwan A. Al-dilami, Ammar Thabit Zahary, Adnan Z. Al-Saqqaf, Enhancing the Distribution of Idle Cost for Scheduling Tasks without Setup Cost in Cloud Computing, Journal of Mathematical Problems in Engineering (ISI, Scopus), Hindawi, Vol. 2021, No. Article ID 8861569, 13 Pages, April 2021.</li> <li>▪ W. M. Ismael, M. Gao, A. Zahary, Z. Yemeni, Y. Ibrahim, and A. Hawban, Edge-based Anomaly Data Detection Approach for Wireless Sensor Network-based Internet of Things, 2021 International Conference of Technology, Science and Administration (ICTSA), IEEE Proceedings, 2021, pp. 1-6, doi: 10.1109/ICTSA52017.2021.9406548.</li> </ul>

- W. M. Ismael, M. Gao, A. Zahary and Z. Yemeni, LFDDRA-IoT: Lightweight Faulty Data Detection and Recovery Approach for Internet of Things, 2021 International Conference of Technology, Science and Administration (ICTSA), IEEE Proceedings, 2021, pp. 1-6, doi: 10.1109/ICTSA52017.2021.9406533.
- Fahd N Al-Wesabi, Abdelzahir Abdelmaboud, Adnan A Zain, Mohammed M Almazah, Ammar Zahary, Tampering Detection Approach of Arabic-Text Based on Contents Interrelationship, Intelligent Automation and Soft Computing (ISI, Q3), Tech Science Press, Vol. 27, No. 2, Pages: 483-498, Jan 2021.
- Ammar Thabit Zahary, Rim F. Al-Shainani, A Context-Aware Clustered Routing Approach for Video Transmission over VANETs with Long Lifetime Neighbourhood, International Journal of Digital Information and Wireless Communications (IJDIWC), SDIWC, Hong Kong, Volume 10, Issue 1, Pages 10-20, 10/5/2020.
- Elham Shammam and Ammar Thabit Zahary, Internet of Things (IoT): a survey of techniques, operating systems, and trends, Library High Tech Journal, (Q1, Scopus), Emerald, London, UK, 5/10/2019.
- Mansoor N Ali, Manal A Alareqi, Ammar T Zahary, Opportunities and Obstacles to Deploy Internet of Things Services by Telecom Operators in Developing Countries (Case Study Telecom Operators in Yemen), Asian Journal of Research in Computer Science, Singapore, Pages 1-14, 1/4/2019.
- Waleed M Ismael, Mingsheng Gao, Asma A Al-Shargabi, Ammar Zahary, An In-Networking Double-Layered Data Reduction for Internet of Things (IoT), Sensors Journal (Q1, ISI and Scopus), MDPI (Multidisciplinary Digital Publishing Institute), Basel, Switzerland, Volume 19, Issue 4, Pages 795, 1/2019.
- Reem Fatwan Shaibani, Ammar Thabit Zahary, Survey of Context-Aware Video Transmission over Vehicular Ad-Hoc Networks (VANETs), Endorsed Transactions on Mobile Communications and Applications, European Alliance for Innovation (EAI), Gent, Belgium, Volume 18, Issue e4, 1/2019.
- Asrar A. Baktyan, Ammar Thabit Zahary, A Review on Cloud and Fog Computing for IoT: Platforms Perspective, EAI Endorsed Transactions on Internet of Things, European Alliance for Innovation (EAI), Gent, Belgium, Volume 4, Issue 14, Pages e5, 12/2018.
- Suad Mohammed Othman, Nabeel T. Alsohybe, Fadl Mutaheer Ba-Alwi, Ammar Thabit Zahary, Survey on Intrusion Detection System Types, International Journal of Cyber-Security and Digital Forensics (IJCSDF), SDIWC, Hong Kong, Volume 7, Issue 4, Pages 444-462, 12/2018.
- Manal A. Alareqi, Fahd N. Al-Wesabi, Ammar T. Zahary, Mansour N. Ali, A Survey of Internet of Things Services Provision by Telecom Operators, EAI Endorsed Transactions on Internet of Things, European Alliance for Innovation (EAI), Gent, Belgium, Volume 18, Issue e2, Pages 1-11, 20/9/2018.
- Redwan Al-Dilami, Adnan Zain Al-Saqqaf, Ammar Thabit Zahary, "An Enhanced Algorithm for Cloud Scheduling with Setup Cost", International Journal of New Computer Architectures and their Applications, Vol. 8, No. 3, Pages: 129-141, September 2018. <http://sdiwc.net/digital-library/an-enhanced-algorithm-for-cloud-scheduling-with-setup-cost.html>.
- Nawal Al-Ragawi and Ammar Zahary, "Obstacles and Opportunities for Yemeni Students to Use Mobile Learning", The International Journal of E-Learning and Educational Technologies in the Digital Media (IJEETDM) 3(4): 161-173, The Society of Digital Information and Wireless



	<p>Communications (SDIWC), March 2017. <a href="http://sdiwc.net/digital-library/obstacles-and-opportunities-for-yemeni-students-to-use-mobile-learning.html">http://sdiwc.net/digital-library/obstacles-and-opportunities-for-yemeni-students-to-use-mobile-learning.html</a></p> <ul style="list-style-type: none"> <li>▪ Asma Al-Shargabi, Francois Siewe, Ammar Zahary, "Quality of Context in Context-Aware Systems", Published in EAI Endorsed Transactions on Context-aware Systems and Applications, The European Alliance for Innovation (EAI), Ghent, Belgium, Volume 4, Issue 12, e5, July 2017. <a href="http://eudl.eu/doi/10.4108/eai.6-7-2017.152761">http://eudl.eu/doi/10.4108/eai.6-7-2017.152761</a></li> <li>▪ Walid Shaher M. Yousef, Muhammad Rafie Hj. Mohd. Arshad, Ammar Zahary, "Vehicle Rewarding for Video Transmission Over VANETs Using Real Neighborhood and Relative Velocity (RNRV)", Journal of Theoretical and Applied Information Technology, Vol. 95 No.2, 31st January 2017. <a href="http://www.jatit.org/volumes/Vol95No2/2Vol95No2.pdf">www.jatit.org/volumes/Vol95No2/2Vol95No2.pdf</a></li> <li>▪ Mahmoud Al-Asri, Ammar Zahary, Abdulqader Mohsen, "MPLS Network Optimization for VoIP Using DiffServ with Multiple ER-LSP", Computational and Applied Mathematics Journal, 2015; 1(5): 249-260, Published online July 10, 2015 <a href="http://www.aascit.org/journal/camj">http://www.aascit.org/journal/camj</a>.</li> <li>▪ Abdullatif Musleh, Ammar Zahary, "The Experiment of University of Science and Technology in the Field of Quality Assurance for Academic Performance", The Online Journal of Quality in Higher Education, Volume 2 Issue 1, January 2015, Turkey. <a href="http://www.tojqih.net/volume/tojqih-volume02-i01.pdf">www.tojqih.net/volume/tojqih-volume02-i01.pdf</a></li> <li>▪ Walid Shaher M. Yousef, Muhammad Rafie Hj. Mohd. Arshad, Ammar Zahary, "Mobility and Traffic-Based Analytical Study for Single and Multipath Routing Protocols in Mobile Ad Hoc Network", International Journal of Digital Content Technology and its Applications (JDCTA), Volume8, Number2, April 2014.</li> <li>▪ Mohammed M. Alkhawani, Ammar Zahary, "Intelligent Radio Network Selection for Next Generation Networks", Journal of Intelligent Computing, ADLINE Journal, UK, Volume 1, Issue 2, June 2010. <a href="http://www.dline.info/jic/v1n2.php">http://www.dline.info/jic/v1n2.php</a></li> <li>▪ Ramzi Salah, Ammar Zahary, "Centralized Dynamic Protection against SQL Injection Attacks in Web Applications", Journal of Intelligent Computing, ADLINE Journal, UK, Volume 1, Issue 2, June 2010. <a href="http://www.dline.info/jic/v1n2.php">http://www.dline.info/jic/v1n2.php</a></li> <li>▪ Ammar Zahary and Aladdin Ayesheh, "A Comparative Study for Reactive and Proactive Routing Protocols in Mobile Ad hoc Networks", Journal of Intelligent Computing, ADLINE Journal, UK, Volume 1, Issue 1, March 2010. <a href="http://www.dline.info/jic/v1n1.php">http://www.dline.info/jic/v1n1.php</a></li> <li>▪ Ammar Zahary and Aladdin Ayesheh, "An Analytical Review for Multipath Routing in Mobile Ad Hoc Networks", International Journal of Ad Hoc and Ubiquitous Computing (ISI), Inderscience Publishers, Volume 5, No. 2, January 2010.</li> </ul>
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