

PROF. DR. RESUL DAŞ*Department of Software Engineering, Faculty of Technology, Firat University, 23119, Elâzığ, Turkey*

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Scopus Author-ID: 24450038800 || [Google Scholar](#)ORCID: 0000-0002-6113-4649 || [Researcher-ID: V-9202-2018](#)**PERSONAL INFORMATION****Education****Postdoctoral Researcher (PostDoc.)** Edmonton, Alberta, Canada.*University of Alberta, Department of Computing Science September 2017 - June 2018*Domain of Research: *Multi-sensor Data Fusion and security in IoT Systems*Director: *Prof. Dr. Ioanis Nikolaidis***Doctor of Philosophy (Ph.D.)** (Thesis Number: 222086) Elâzığ, Turkey.*Firat University, Department of Electrical-Electronics Engineering September 2002 - July 2008*Dissertation: *Knowledge Extraction from Web User Access Logs*Supervisors: *Prof. Dr. Mustafa Poyraz, Prof. Dr. İbrahim Türkoğlu***Master of Science (M.Sc.)** (Thesis Number: 116661) Elâzığ, Turkey.*Firat University, Department of Electronics and Computer Science September 2000 - June 2002*Dissertation: *Video Conference System Design*Supervisor: *Prof. Dr. Asaf Varol***Bachelor of Science (B.Sc.)** Elâzığ, Turkey.*Firat University, Department of Computer Science September 1995 - June 1999*Dissertation: *General problems of the users in Windows OS and solutions*Supervisor: *Prof. Dr. Yasin Varol***Professional Work Experience****Full Professor** Elâzığ, Turkey*Department of Software Engineering, Firat University February 19, 2020 - in progress***Visiting Professor** Edmonton, Alberta, Canada*Postdoctoral researcher, with the scholarship by TUBITAK-BIDEB-2219**Department of Computing Science, University of Alberta September 2017 - June 2018***Associate Professor** Elâzığ, Turkey*Department of Software Engineering, Firat University October 2014 - February 19, 2020***Assistant Professor** Elâzığ, Turkey*Department of Software Engineering, Firat University September 2011 - October 2014***Instructor Dr.** Elâzığ, Turkey*Department of Informatics, Firat University December 2009 - September 2011***Instructor** Elâzığ, Turkey*Department of Informatics, Firat University February 2000 - December 2008*

Computer Teacher

Aydın, Turkey

*Aydın Anatolian Technical High School September 1999 - February 2000***Research Interests**

- **Computer Networks:** Network Layers, Routing Protocols, Network Optimization, Network Design and Management
- **Cyber-Security:** Computer Network Security, Information Security, Intrusion Detection and Prevention Systems (IDPS), Smart Grid Security, Cyber-security in SCADA Systems
- **IoT/M2M Applications:** Multi-sensor Data Fusion, Fog Computing, Smart Grid Security, Smart Home, Smart Buildings and Smart Cities
- **Data Science:** Machine Learning, Big Data, Knowledge Discovery, Data and Graph Visualization, Visual Analytic, Complex Systems, Data Fusion, Data and Web Log Mining, Efficient data collection techniques with high reliability.
- **Software Engineering:** Software Development Life Cycle (SDLC), Classical and Agile Process Methods, Software Quality Metrics, Software Test Strategies and Test Methods

Grants and Awards

- European Union - Leonardo Da Vinci, Education Grant 2006
- TÜBİTAK - Academic Publication Encouragement Award 8 times
- Certificate of Cisco Networking Academy Expert Level Instructor 2014
- TÜBİTAK - BİDEB-2219-International Postdoctoral Research Fellowship Grant 2017-2018

Professional Memberships/Associations

- CISCO NETWORKING ACADEMY ASSOCIATION 2001- in progress
- *Firat University and METEM-Der, Instructor& Manager*
- VOCATIONAL AND TECHNICAL EDUCATION DEVELOPMENT ASSOCIATION 2011- in progress
- *Project Coordinator*

Academic Research**University of Alberta, Faculty of Science**

Edmonton, Alberta, Canada

*TÜBİTAK-BİDEB-2219-International Postdoctoral Research Fellowship Programme**Visiting Professor, Department of Computing Science*

05/09/2017-05/06/2018

Research about data fusion, multi-sensor data fusion, security in IoT systems.

*Director: Prof. Dr. Ioanis Nikolaidis***Imperial College - Embrace Cooperation Ltd.**

London, United Kingdom

Researcher

3/2006-7/2006

TR/05/A/F/PL3-074, supported by the Republic of Turkey, Prime Ministry, Head of the European Union Center for Education and Youth Programs of the State Planning Organization

Research subject: "Training of Trainers in Developing Web Based Instructional Materials"

PROJECTS

1. “*Training of trainers in developing web-based instructional materials*”, European Union (EU) LdV Vocational Education Programmed, Placement Project for Young Employees, *Project No: TR/05/A/F/PL3-074, Date: 07/03/2006 – 24/07/2006, London – England [Researcher]*
2. “*Business analyst vocational project*”, TRA2, TR72, TR52, TRB1 Level 2 Zones Development Programmed, European Union Project–Turkey. (*Project No: TR 0405.02/LDI/356, Date: (30/11/2006–31/10/2007) /Elâzığ [Instructor]*)
3. “*Elâzığ Chamber of Commerce and Industry of the members to make effective use of information technology*”, TRA2, TR72, TR52, TRB1. Level 2 Zones Development Programmed, European Union Project, (*Project No: TR 0405.02/LDI/141, Date: (18/12/2006–30/11/2007), Elâzığ [Instructor]*)
4. “*Knowledge extraction from web user access files*”, Firat University, Scientific Research Projects Unit - PhD. Dissertation Project, *Project No: 1526, Budget: 5.000 TL, Date:(2007-2008). [Instructor]*
5. “*Infrastructure establishment of the department of international software engineering*”, Firat University, Scientific Research Projects Unit, Infrastructure Project, *Project No: TEKF.12.08, Budget: 74.290 TL, Date: (17.12.2012 - 17.06.2013), [Associate Manager]*
6. “*Design and implementation of a computer network attack detection system using real-time data*”, Firat University, Scientific Research Projects Unit, PhD. Thesis Project, *Project No: TEKF.15.04, Budget: 15.000 TL, Date: (10/06/2015 – 10/06/2016) [Project Manager]*
7. “*InterOpT: Interoperability and standards compliance control automation system for IoT network components*” TÜBİTAK-TEYDEB-1501 Project, NETAS Telecommunication A.Ş., *Project No: 3170163, Budget: 1.541.299 TL, Date: (14/08/2018 – 30/12/2018) [Project Consultant]*
8. “*Optimization of part production and cutting problem in manufacturing sector*” KOSGEP Project, DGH AR-GE Software and Consultant A.Ş., *Date: 01/12/2019 – 30/04/2020 [Researcher]*

DEPARTMENTAL ACTIVITIES AND SERVICE

Departmental Duties

- Associate Chair of the Dept. of Software Eng., Technology Faculty, Firat Univ. 28.09.2018-present
- Associate Chair of the Dept. of Software Eng., Technology Faculty, Firat Univ. 10.11.2012-10.09.2017
- Head of the Education Commission, Department of Software Engineering 2012-2017
- Committee member of the Graduate Students, Department of Software Engineering 2011-present
- Advisor of the UOLP Undergraduate Students, Department of Software Engineering 2011-present
- Associate Chair of the Department of Informatics, Firat University Sep 2004–July 2006
- CCNA Instructor and Coordinator of Cisco Networking Academy, Firat University . . . Sep 2001–present

Teaching Experience

LAST COURSES TAUGHT

2018-2019 Fall Term

- YMT321 - Computer Networks (3-0)(Undergraduate)
- YMT312 - Software Design and Architecture (3-2)(Undergraduate)
- YMT412 - Software Quality Assurance and Testing (3-2)(Undergraduate)
- YMT579 - Sensor Networks (3-0)(Graduate)

2018-2019 Spring Term

- YMH323 - Network Programming (3-2)(Undergraduate)
- YMT312 - Software Design and Architecture (3-2)(Undergraduate)
- YMT412 - Software Quality Assurance and Testing (3-2)(Undergraduate)
- YMT575 - Network Optimization and Programming (3-0)(Graduate)

2019-2020 Fall Term

- YMT321 - Computer Networks (3-0)(Undergraduate)
- YMT312 - Software Design and Architecture (3-2)(Undergraduate)
- YMT412 - Software Quality Assurance and Testing (3-2)(Undergraduate)
- YMT579 - Advanced Network Security (3-0)(Graduate)
- YMT575 - Network Optimization and Programming (3-0)(Graduate)

2019-2020 Spring Term

- YMH323 - Network Programming (3-2)(Undergraduate)
- YMT412 - Software Quality Assurance and Testing (3-2)(Undergraduate)
- YMT513 - Cyber War and Terrorism (3-0)(Graduate)
- YMT569 - Special Subjects in Software Engineering (3-0)(Graduate)

GRADUATE SUPERVISION

Alumni

1. **Muhammet Baykara**, "Design and perform of intrusion detection and prevention approaches for informatics systems", Department of Software Engineering, Institute of Science and Technology, Firat University, February 2016, *PhD. Dissertation*, (THESIS NUMBER: 424189).
2. **Şahin Kara**, "Evaluation of the successes of data recovery methods", Department of Electronics and Computer Science, Institute of Science and Technology, Firat University, January 2013, *MSc. Dissertation*, (THESIS NUMBER: 323062).
3. **Muhammet Zekeriya Gündüz**, "IP-based evidence detection towards informatics crimes", Department of Electronics and Computer Science, Institute of Science and Technology, Firat University, January 2013, *MSc. Dissertation*, (THESIS NUMBER: 323061).
4. **Doygun Demiroğ**, "Developing a Software tool for the cleaning of the web access logs", Department of Electronics and Computer Science, Institute of Science and Technology, Firat University, December 2013, *MSc. Dissertation*, (THESIS NUMBER: 348490).
5. **İsmail Karadoğ**, "Data hiding based information security applications on network communication", Department of Software Engineering, Institute of Science and Technology, Firat University, January 2016, *MSc. Dissertation*, (THESIS NUMBER: 424182).
6. **Abubakar Karabade**, "Analysis of network security problems and solutions in machine to machine (M2M) communications", Department of Software Engineering, Institute of Science and Technology, Firat University,

June 2016, *MSc. Dissertation*, (THESIS NUMBER: 432757).

7. **Yücel Bürhan**, "*Application and analysis of link prediction in academic networks*", Department of Software Engineering, Institute of Science and Technology, Firat University, February 2016, *MSc. Dissertation*, (THESIS NUMBER: 479144).

PhD. Students

1. **Muhammet Zekeriya Gündüz**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
2. **Berna Polat**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
3. **Faruk Aksoy**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
4. **Muhammad Muhammad Inuwa**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
5. **Hüseyin Ahmetoğlu**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
6. **Mücahit Sülü**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*
7. **Usman Abubakar Idris**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *PhD. Dissertation*

MSc. Students

1. **Ayşe Kahveci**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *MSc. Dissertation*.
2. **Basira Tahir Ahmed**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *MSc. Dissertation*.
3. **Burak Bitikçi**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *MSc. Dissertation*.
4. **Sena Aktaş**, "*in progress...*", Department of Software Engineering, Institute of Science and Technology, Firat University, *MSc. Dissertation*.

PUBLICATIONS

[\[Google Scholar\]](#)

Book Chapters

- [1] R. Daş and K. Balıkçı, “Chapter - 2: Windows XP Operating System,” in *Use of Basic Computer Technologies*, pp. 27–110, Elazığ: Firat University Printing Office, 2003.
- [2] R. Daş and K. Balıkçı, “Chapter - 2: Windows XP Operating System,” in *Use of Basic Informatics Technologies*, pp. 271–296, Ankara: Nobel Publishing House, 2005.
- [3] R. Daş, “Chapter - 1: Introduction to Programming,” in *Introduction to Programming with C Language*, pp. 1–24, Elazığ: Firat University Printing Office, 2003.
- [4] G. Tuna, R. Das, and V. C. Gungor, “Communications Technologies for Smart Grid Applications - A Review of Advances and Challenges,” in *Smart Grid Analytics for Sustainability and Urbanization* (Z. H. Gontar, ed.), vol. 1, IGI Global, 1 ed., June 2018.

International Journal Publications

- [1] M. Baykara and R. Daş, “SoftSwitch: a centralized honeypot-based security approach using software-defined switching for secure management of VLAN networks,” *Turkish Journal of Electrical Engineering & Computer Sciences*, vol. 27, no. 5, pp. 3309–3325, Sep. 2019. [Online]. Available: <http://online.journals.tubitak.gov.tr/openDoiPdf.htm?mKodu=elk-1812-86>
- [2] R. Das, M. Baykara, and G. Tuna, “A novel approach to steganography: enhanced least significant bit substitution algorithm integrated with self-determining encryption feature,” *International Journal of Computer Systems Science & Engineering*, vol. 33, no. 6, pp. 1–10, Jan. 2019. [Online]. Available: <http://crl-publishing.co.uk/csse-journal/>
- [3] M. Z. Gündüz and R. Daş, “Internet of things (IoT): Evolution, components and applications fields,” *Pamukkale University, Journal of Engineering Sciences (PAJES)*, vol. 24, no. 2, pp. 327–335, 2018. [Online]. Available: https://www.journalagent.com/pajes/pdfs/PAJES_24_2_327_335.pdf
- [4] M. Baykara, R. Daş, and G. Tuna, “A novel symmetric encryption algorithm and its implementation,” *Firat University Turkish Journal of Science & Technology*, vol. 12, no. 1, pp. 5–9, Mar. 2017. [Online]. Available: <http://dergi.firat.edu.tr/index.php/tjst/article/view/234>
- [5] M. Baykara and R. Das, “A novel honeypot based security approach for real-time intrusion detection and prevention systems,” *Journal of Information Security and Applications*, vol. 41, pp. 103–116, Aug. 2018. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S2214212616303295>
- [6] M. Baykara and R. Daş, “A survey on potential applications of honeypot technology in intrusion detection systems,” *International Journal of Computer Networks And Applications*, vol. 2, no. 5, pp. 203–211, 2015. [Online]. Available: <http://www.ijcna.org/abstract.php?id=41>
- [7] M. Baykara and R. Das, “A novel hybrid approach for detection of web-based attacks in intrusion detection systems,” *International Journal of Computer Networks And Applications*, vol. 4, no. 2, pp. 62–76, Apr. 2017. [Online]. Available: <http://www.ijcna.org/Manuscripts/IJCNA-2017-O-06.pdf>
- [8] R. Das, A. Tuna, S. Demirel, and M. K. Yurdakul, “A survey on the internet of things solutions for the elderly and disabled: Applications, prospects, and challenges,” *International Journal of Computer Networks And Applications*, vol. 4, no. 3, pp. 84–92, Jun. 2017. [Online]. Available: <http://www.ijcna.org/Manuscripts/IJCNA-2017-O-08.pdf>
- [9] M. Kavitha, B. Ramakrishnan, and R. Das, “A novel routing scheme to avoid link error and packet dropping in wireless sensor networks,” *International Journal of Computer Networks And Applications*, vol. 3, no. 4, pp. 86–94, Aug. 2016. [Online]. Available: <http://www.ijcna.org/Manuscripts/Volume-3/Issue-4/Vol-3-issue-4-M-03.pdf>

- [10] A. Nithya, B. Ramakrishnan, and R. Das, "A novel approach for data privacy using attribute based scheme algorithm for cloud computing," *International Journal of Computer Networks And Applications*, vol. 3, no. 4, pp. 70–77, Aug. 2016. [Online]. Available: <http://www.ijcna.org/Manuscripts/Volume-3/Issue-4/Vol-3-issue-4-M-01.pdf>
- [11] G. Tuna, H. Örenbaş, R. Daş, D. Kogias, M. Baykara, and K. Gülez, "Information security threats and an easy-to-implement attack detection framework for wireless sensor network-based smart grid applications," *IOP Conference Series: Materials Science and Engineering*, vol. 108, pp. 1–8, 2016. [Online]. Available: <http://stacks.iop.org/1757-899X/108/i=1/a=012010>
- [12] M. Baykara, R. Das, and G. Tuna, "Cryptolog: A new approach to provide log security for digital forensics," *Istanbul University - Journal of Electrical & Electronics Engineering*, vol. 17, no. 2, pp. 3453–3462, 2017. [Online]. Available: <http://dergipark.gov.tr/download/article-file/327199>
- [13] R. Das, I. Turkoglu, and M. Poyraz, "Analyzing of system errors for increasing a web server performance by using web usage mining," *Istanbul University - Journal of Electrical & Electronics Engineering*, vol. 7, no. 2, pp. 379–386, Jan. 2012. [Online]. Available: <http://dergipark.gov.tr/download/article-file/99072>
- [14] R. Daş and I. Turkoglu, "Extraction of Interesting patterns through association rule mining for improvement of website usability," *Istanbul University - Journal of Electrical & Electronics Engineering*, vol. 9, no. 2, pp. 1037–1046, Jan. 2009. [Online]. Available: <http://dergipark.gov.tr/download/article-file/98923>
- [15] Y. Bürhan and R. Daş, "Co-author link prediction from academic databases," *Gazi University, Journal of Polytechnic*, vol. 20, no. 4, pp. 787–800, Dec. 2017. [Online]. Available: <http://dergipark.gov.tr/download/article-file/387477>
- [16] G. Tuna, R. Daş, A. Tuna, H. Örenbaş, M. Baykara, and K. Gülez, "A secure and easy-to-implement web-based communication framework for caregiving robot teams," *IOP Conference Series: Materials Science and Engineering*, vol. 108, no. 1, pp. 1–6, 2016. [Online]. Available: <http://stacks.iop.org/1757-899X/108/i=1/a=012009>
- [17] G. Tuna, R. Das, B. Ramakrishnan, and Y. Kilicaslan, "Big data analysis for M2m networks: Research challenges and open research issues," *International Journal of Computer Networks And Applications*, vol. 4, no. 1, pp. 27–34, Feb. 2017. [Online]. Available: <http://www.ijcna.org/Manuscripts/2017/IJCNA-2017-O-03.pdf>
- [18] R. Das, "A comparison of multiple classification methods for diagnosis of Parkinson disease," *Expert Systems with Applications*, vol. 37, no. 2, pp. 1568–1572, Mar. 2010. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0957417409006137>
- [19] R. Daş, G. Tuna, and A. Tuna, "Design and implementation of a smart home for the elderly and disabled," *International Journal of Computer Networks and Applications*, vol. 2, no. 6, pp. 242–246, 2015. [Online]. Available: <http://www.ijcna.org/issues.php?vol=2&issue=6>
- [20] G. Tuna and R. Daş, "Wireless sensor network-based health monitoring system for the elderly and disabled," *International Journal of Computer Networks and Applications*, vol. 2, no. 6, pp. 247–253, 2015. [Online]. Available: <http://www.ijcna.org/issues.php?vol=2&issue=6>
- [21] R. Daş and G. Tuna, "Machine-to-machine communications for smart homes," *International Journal of Computer Networks and Applications*, vol. 2, no. 4, pp. 196–202, 2015. [Online]. Available: <http://www.ijcna.org/abstract.php?id=40>
- [22] I. Karadoğan and R. Daş, "An examination on information hiding tools for steganography," *International Journal of Information Security Science*, vol. 3, no. 3, pp. 200–208, Sep. 2014. [Online]. Available: <http://www.ijiss.org/ijiss/index.php/ijiss/article/view/70>

- [23] M. M. Joe, B. Ramakrishnan, and R. Das, “Designing a Novel Two-Tier Authentication Algorithm for Web Service Architecture,” *Journal of Telecommunication, Electronic and Computer Engineering (JTREC)*, vol. 8, no. 9, pp. 67–75, Dec. 2016. [Online]. Available: <http://journal.utm.edu.my/index.php/jtec/article/view/888>
- [24] M. Abdar, M. Zomorodi-Moghadam, R. Das, and I.-H. Ting, “Performance analysis of classification algorithms on early detection of liver disease,” *Expert Systems with Applications*, vol. 67, no. Supplement C, pp. 239–251, Jan. 2017. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S095741741630464X>
- [25] R. Das and A. Sengur, “Evaluation of ensemble methods for diagnosing of valvular heart disease,” *Expert Systems with Applications*, vol. 37, no. 7, pp. 5110–5115, Jul. 2010. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0957417409011312>
- [26] R. Das, I. Turkoglu, and A. Sengur, “Diagnosis of valvular heart disease through neural networks ensembles,” *Computer Methods and Programs in Biomedicine*, vol. 93, no. 2, pp. 185–191, Feb. 2009. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0169260708002174>
- [27] R. Das and I. Turkoglu, “Creating meaningful data from web logs for improving the impressiveness of a website by using path analysis method,” *Expert Systems with Applications*, vol. 36, no. 3, Part 2, pp. 6635–6644, Apr. 2009. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0957417408005952>
- [28] R. Das, I. Turkoglu, and A. Sengur, “Effective diagnosis of heart disease through neural networks ensembles,” *Expert Systems with Applications*, vol. 36, no. 4, pp. 7675–7680, May 2009. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S095741740800657X>
- [29] M. Z. Gunduz and R. Das, “Cyber-security on smart grid: Threats and potential solutions,” *Computer Networks*, vol. 169, p. 107094, Mar. 2020. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S1389128619311235>
- [30] G. Tuna and R. Das, “Scalability evaluation of trust and reputation models for wireless sensor networks,” *International Journal of Information Security Science*, vol. 8, no. 4, pp. 114–121, Dec. 2019. [Online]. Available: <https://www.ijiss.org/ijiss/index.php/ijiss/article/view/495>
- [31] R. Das and M. Z. Gündüz, “Analysis of cyber-attacks in IoT-based critical infrastructures,” *International Journal of Information Security Science*, vol. 8, no. 4, pp. 122–133, Dec. 2019. [Online]. Available: <https://www.ijiss.org/ijiss/index.php/ijiss/article/view/490>

International Conference Publications

- [1] R. Daş, A. Karabade, and G. Tuna, “Common network attack types and defense mechanisms,” in *2015 23rd Signal Processing and Communications Applications Conference (SIU)*. Inonu University, Malatya: IEEE, May 2015, pp. 2658–2661. [Online]. Available: <https://ieeexplore.ieee.org/document/7130435>
- [2] A. Tuna, R. Das, and G. Tuna, “Integrated smart home services and smart wearable technology for the disabled and elderly,” in *Proceedings of 4th International Conference on Data Management Technologies and Applications*, ser. DATA 2015. Colmar, Alsace, France: SCITEPRESS - Science and Technology Publications, Lda, Jul. 2015, pp. 173–177. [Online]. Available: <http://dx.doi.org/10.5220/0005552001730177>
- [3] N. Yıldırım, R. Daş, and A. Varol, “A research on software security vulnerabilities of new generation smart mobile phones,” in *2nd International Symposium on Digital Forensics and Security (ISDFS 2014)*, vol. 2. Houston, USA: Sam Houston State University, May 2014, pp. 6–16. [Online]. Available: <http://www.isdfs.org/>
- [4] G. Tuna and R. Das, “Trade-off analysis of underwater acoustic sensor networks,” in *IOP Conference Series: Materials Science and Engineering*, vol. 235. Prague, Czech Republic: IOP Publishing, 2017, pp. 1–6. [Online]. Available: <http://stacks.iop.org/1757-899X/235/i=1/a=012001>

- [5] S. T. Demirel, M. Demirel, I. Dogru, and R. Das, “InterOpT: A new testing platform based on oneM2m standards for IoT systems,” in *2019 International Symposium on Networks, Computers and Communications (ISNCC)*. Istanbul, Turkey.: IEEE, Jun. 2019, pp. 1–6, iSSN: null.
- [6] B. Polat and R. Daş, “IoT çözümlerinin benzetiminde kullanılan yazılım araçlarının incelenmesi,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–6. [Online]. Available: <https://ieeexplore.ieee.org/document/8875888/>
- [7] F. Aksoy and R. Daş, “Yazılım tanımlı ağlar için OMNeT++ platformunda OpenFlow protokolünün benzetimi,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–5. [Online]. Available: <https://ieeexplore.ieee.org/document/8875878/>
- [8] A. Kahveci and R. Daş, “Yaşanmış önemli yazılım hatalarının incelenmesi ve kritik öneriler,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–6. [Online]. Available: <https://ieeexplore.ieee.org/document/8875912/>
- [9] H. Ahmetoğlu and R. Daş, “Derin öğrenme ile büyük veri kümelerinden saldırı türlerinin sınıflandırılması,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–9. [Online]. Available: <https://ieeexplore.ieee.org/document/8875872/>
- [10] D. Demirel, R. Das, and D. Hanbay, “Büyük veri üzerine perspektif bir bakış,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–9. [Online]. Available: <https://ieeexplore.ieee.org/document/8875902/>
- [11] T. B. Alakus, R. Das, and I. Turkoglu, “An overview of quality metrics used in estimating software faults,” in *2019 International Artificial Intelligence and Data Processing Symposium (IDAP)*, ser. 4. Inonu University, Malatya, Turkey.: IEEE, Sep. 2019, pp. 1–6. [Online]. Available: https://ieeexplore.ieee.org/document/8875925
- [12] M. Baykara and R. Das, “A survey on honeypot technologies used in intrusion detection systems,” in *Proceedings of 16th ISERD International Conference*. Prague, Czech Republic: world research library, Nov. 2015, pp. 14–19. [Online]. Available: http://www.worldresearchlibrary.org/up_proc/pdf/102-144842831714-19.pdf
- [13] R. Daş, D. Demirel, and G. Tuna, “A novel tool for mining access patterns efficiently from web user access logs,” in *The International Conference on Engineering and Natural Sciences (ICENS) 2016*, Sarajevo, May 2016, pp. 2836–2843. [Online]. Available: <https://www.icens.eu/album/icens-2016>
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PROFESSIONAL SERVICES

Associate Editor

- *Turkish Journal of Electrical Engineering and Computer Sciences (TUBITAK)* (June 2018 – present)
- *IEEE Access Journal* (June 2018 – present)
- *International Journal of Computer Networks and Applications (IJCNA)* (May 2016 – present)

Guest Editor

- *Turkish Journal of Electrical Engineering and Computer Sciences (TUBITAK)* (2017)

Editorial Board Member

- *Advanced Studies in Artificial Intelligence - Prakriti Publications* (June 2012 – present)
- *Journal of Computer Networks and Communications Security (IJCNCS)* June 2012 – present
- *Journal of Balkan Libraries Union* (Nov 2014 – present)
- *Journal of Advanced Studies in Artificial Intelligence - Pushpa Publications* (Jan 2014 – present)

- *Peertechz Journal of Computer Science and Engineering* (Dec 2014 – present)
- *International Journal of Computer Networks and Applications (IJCNA)* . . . (Nov 2014 – May 2016)
- *Peertechz Journal of Computer Science and Engineering* (Dec 2014 – present)
- *Journal of International Information Security Engineering* (Dec 2014 – present)
- *Turkish Journal of Electrical Engineering and Computer Sciences (TUBITAK)* (June 2018 – present)
- *Sakarya University Journal of Computer and Information Sciences (SAU-CIS)* (July 2018 – present)

Assigned Technical Project Tasks

- TÜBİTAK-TEYDEB Projects Evaluation and Follow-up
- TÜBİTAK-BİDEB Projects Panelist
- Evaluation of Research-Development Projects of Newly Installed Software Companies in Fırat Technology Development Region, Elazığ
- Ministry of Science, Industry and Technology, Evaluation of Research-Development Centers
- Science, Industry and Technology Ministry, Evaluation of Projects of Research-Development Centers

Keynote and Invited Speaker

- 2019 International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE'19), *A general framework on Multi-sensor Data Fusion October 11–12, 2019 - Elite World Prestige Hotel/Taksim, Istanbul, Turkey.* [Online]. Available: <http://www.ictacse.com/> [**Keynote Speaker**]

Some of the Journals Served as Reviewer

- African Journal of Agricultural Research (SCI-E)
- Applied Soft Computing, Elsevier (SCI-E)
- Center for Advanced Engineering Environments (CAEE) (SCI-E)
- Computer Applications in Engineering Education (CAE), Wiley (SCI-E)
- Computer Methods and Programs in Biomedicine, Elsevier (SCI-E)
- Computer Networks, Elsevier (SCI-E)
- Expert Systems with Applications, Elsevier (SCI-E)
- IEEE - Journal of Biomedical and Health Informatics (SCI)
- IEEE - Transactions on Information Technology in Biomedicine (TITB) (SCI-E)
- IEEE Access (SCI-E)
- IEEE Systems Journal (SCI-E)
- IEEE Transactions on Neural Networks (SCI)

- Information Sciences, Elsevier (SCI-E)
- International Journal of Communications, Network and System Sciences (IJCNS)
- International Journal of Computer Networks and Applications (IJCNA)
- International Journal of Information Security Science (IJISS)
- Journal of Engineering Science, Firat University
- Journal of Engineering of the Faculty of Engineering, Dicle University
- Journal of Natural and Applied Sciences, Süleyman Demirel University
- Journal of Zhejiang University Science (Computers and Electronics)
- Journal of the Faculty of Engineering and Architecture of Gazi University (SCI-E)
- KSII Transactions on Internet and Information Systems
- Mathematical and Computational Applications (SCI-E)
- Measurement, Elsevier (SCI-E)
- Soft Computing, Springer (SCI)
- Turkish Journal of Electrical Engineering and Computer Sciences (TUBITAK) (SCI-E)
- Turkish Journal of Science and Engineering, Firat University
- e-Journal of New World Sciences Academy (NWSA)

Assigned Conference Tasks

Conferences Served as a member of the Technical/Scientific Committee

- [IEEE](#) International Symposium on Digital Forensic and Security (**ISDFS**)
 - isdfs.org/
 - **2013, 2015, 2017, 2018, 2019, 2020**
- [IEEE](#) Signal Processing and Communication Applications Conference (**SIU**)
 - [SIU](#)
 - **2015, 2016**
- [IEEE](#) International Conference on Artificial Intelligence and Data Processing (**IDAP**)
 - <http://idap.inonu.edu.tr/>
 - **2016, 2017, 2018, 2019, 2020**
- International Conference on Information Security and Cryptology (**ISCTURKEY**)
 - <https://www.iscturkey.org/>
 - **2016, 2017, 2018, 2019, 2020**
- International Conference on Theoretical and Applied Computer Science and Engineering (**ICTACSE**)
 - <http://www.ictacse.com/>
 - **2017, 2018, 2019, 2020**
- [IEEE](#) International Symposium on Multidisciplinary Studies and Innovative Technologies (**ISMST**)
 - <http://www.ismsitconf.org/>
 - **2017, 2019, 2020**
- International Conference of Genomics and Bioinformatics (**ICGB**)
 - <http://www.icgb2019.com/>
 - **2018, 2019, 2020**
- International Congress on Big Data, Deep Learning and Fighting Cyber Terrorism (**IBIGDELFT**)
 - <https://cyberterrorbigdata.org/>
 - **2018**
- [IEEE](#) International Conference on Computer Science and Engineering (**UBMK**)
 - <http://www.ubmk.org/>
 - **2019**
- International Conference on Data Science, Machine Learning and Statistics (**DMS**)
 - <http://datascience.yyu.edu.tr/>
 - **2019**
- Science and Information (SAI) Conferences Series <https://saiconference.com/Conferences/>
 - International Conference on Computing Conference
 - **2019, 2020**
 - Future of Information and Communication Conference (**FICC**)
 - **2018, 2019, 2020**
 - Future Technologies Conference (**FTC**)
 - **2018, 2019, 2020**
 - Intelligent Systems Conference (**IntelliSys**)
 - **2018, 2019, 2020**
 - Computer Vision Conference (**CVC**)
 - **2019**
- [IEEE](#) International Symposium on Networks, Computers and Communications (**ISNCC**)
 - <http://www.isncc-conf.org/>
 - **2019, 2020**