Academic Resume

Kawther Saeedi

Associate Professor, Information Systems Department

Contact Information.

Room 180, Ext. 27269, ksaeedi@kau.edu.sa.

Highest Degree.

2014, PhD, Multi Perspective Modelling of Quality Requirements, The University of Manchester, UK.

Academic and Professional Experiences.

1. **2021 - 2022**
   Visiting Scholar at UCM , Madrid, Spain, , .
2. **2020 - 2021**
   Program Manager for EMIS, KAU, , .
3. **2016 - 2018**
   IS Department Supervisor, Jeddah, Saudi Arabia, King Abdulaziz University.
4. **2015 - 2018**
   Assistant Professor, Jeddah, Saudi Arabia, King Abdulaziz University.
5. **2014 - 2015**
   IT Specialist, a scrum & DevOp team member (Content management systems, Integration platform, Decision engine), Amsterdam, The Netherlands, ING Bank.
6. **2007 - 2008**
   Teacher Assistant, Jeddah Saudi Arabia, King Abdulaziz University.
7. **2006 - 2015**
   System Architecture (CRM, e-commerce, mobile app, document management systems, web services), Jeddah, Saudi Arabia, Pixel Arabia.
8. **2003 - 2005**
   Sales Executive Engineer, Jeddah, Saudi Arabia, Juffali Group.

Research Interests.

Blockchain, Applied Research in computing, Software Engineering, Data Science, AI.

Teaching Interests.

Software Engineering, Software Project Management, Cloud Computing, SYSTEM ANALYSIS AND DESIGN, Information System Development, Data Bases, Blockchain.

Certifications and Trainings.

1. professional scrum master, Scrum. Org.
2. Web application specialist for e-government promotions, Nippon Telephone and Telegraph Group (NTT), Okinawa, Japan..
3. Dell EMC Proven Professional Cloud Architect Specialist (EMCCA).
4. Leadership for change, KAU, Saudi Arabia.
5. Dell EMC Data Science and Big Data Analytics.
6. Social Enterprise Training, Social Solutions Academy, Manchester, UK.
7. Effective Research Communicator, Manchester, UK..
8. Enterprise School residential school for enterprise innovation, Durham University..
9. Microsoft Certified Professional in MS visual studio .Net..
10. Agile software development following Scrum Manifesto, ING Bank, The Netherlands.
11. Leadership in Action, Gold Award, Manchester Leadership Program for Researcher, The University of Manchester..
12. Agile software project Management following Scrum Manifesto, ING Bank, The Netherlands.
13. Academic leaders, 70 hours Diploma, KAU.
14. Saudi Arabian Qualifications Framework, 5 days in Riyadh, qiyas.sa.
15. Blockchain Master Classes, Frankfurt Institute of Blockchain.
16. Oxford Blockchain Strategy Program, Oxford University.

Social, Scientific and Professional Affiliation.

1. 2018-2018, Professional Scrum Master, Scrum.Org.
2. 2021-2021, Blockchain Master Class, Frankfurt School, Blockchain Center.
3. 2022-Present, Memebership, IEEE.
4. 2022-Present, Certified COBIT Foundation, ISACA.

Excellence Awards and Patents.

1. 2015, Interior, Best Teacher Awards, DELL-EMC.

Funded Projects.

1. 2020, Household engagement in Recycling, Deanship of scientific research, Project No. IFPHI-226-612-2020.
2. 2019, Crowdsourcing platform for AI research in Arabic language, Deanship of scientific research, KAU, Grant Number: 1473-612-1440.
3. 2020, Detecting COVID-19 From Chest X-Ray Images, Deanship of scientific research, KAU, Grant Number: GCV19-34-1441..
4. 2020, Studying the effectiveness of global religious gathering suspension in Saudi Arabia as a preventive measure against infection diseases outbreak, Deanship of scientific research, KAU, Grant No. IFPHI-180-612-2020.

Publications.

1. Fouzia Alzhrani, Kawther Saeedi, Liping Zhao, "A Process-Aware Framework To Support Process Mining From Blockchain Applications,", Journal Of King Saud University - Computer And Information Sciences,, 2024.

2. Arwa Diwali, Kawther Saeedi, Kia Dashtipour, Mandar Gogate, Erik Cambria, Amir Hussain, "Sentiment Analysis Meets Explainable Artificial Intelligence: A Survey On Explainable Sentiment Analysis", Ieee Transactions On Affective Computing, pp. 1-12, 2023.
   DOI: 10.1109/TAFFC.2023.3296373

3. Fouzia Alzhrani, Kawther Saeedi, Liping Zhao, "Architectural Patterns For Blockchain Systems And Application Design", Applied Sciences, vol: 13, pp. 11533, 2023.
   DOI: 10.3390/app132011533

4. Arwa Diwali, Kia Dashtipour, Kawther Saeedi, Mandar Gogate, Erik Cambria, Amir Hussain, "Arabic Sentiment Analysis Using Dependency-Based Rules And Deep Neural Networks", Applied Soft Computing, vol: 127, pp. 109377, 2022.
   DOI: 10.1016/j.asoc.2022.109377

5. Atheer Alkhammash, Kawther Saeedi, Fatmah Baothman, Rania Anwar Aboalela, Amal Babour, "Efficient Decentralized Sharing Economy Model Based On Blockchain Technology: A Case Study Of Najm For Insurance Services Company", International Journal Of Advanced Computer Science And Applications, vol: 13, 2022.
   DOI: 10.14569/IJACSA.2022.0130959

6. Mariyam Hassan, Kawther Saeedi, Haya Al- magwashi, Suaad Alarifi, "Information Security Risk Awareness Survey Of Non-Governmental Organization In Saudi Arabia", Rii Forum, 2022.

7. Fouzia Alzhrani, Kawther Saeedi, Liping Zhao, "A Taxonomy For Blockchain Systems Characteristics", Expert Systems, 2022.

8. Bashaer Alsaadi, Kawther Saeedi, "Data-Driven Effort Estimation Techniques Of Agile User Stories: A Systematic Literature Review", Artificial Intelligence Review, 2022.
   DOI: 10.1007/s10462-021-10132-x

9. Fatmah Baothman, Kawther Saeedi, Khulood Aljuhani, Safaa Alkatheri, Mashael Almeatani, Nourah Alothman, "Computational Intelligence Approach For Municipal Council Elections Using Blockchain", Intelligent Automation &Amp; Soft Computing, vol: 27, pp. 625-639, 2021.
   DOI: 10.32604/iasc.2021.014827

10. Khulood Faisal, Dareen Alomari, Hind Alasmari, Hanan Alghamdi, Kawther Saeedi, "Life Expectancy Estimation Based On Machine Learning And Structured Predictors", Aiss 2021: 2021 3rd International Conference On Advanced Information Science And System, pp. 1-8, 2021.
    DOI: 10.1145/3503047.3503122

11. Sultanah M. Alshammari, Waleed K. Almutiry, Harsha Gwalani, Saeed M. Algarni, Kawther Saeedi, "Measuring The Impact Of Suspending Umrah, A Global Mass Gathering In Saudi Arabia On The Covid-19 Pandemic", Computational And Mathematical Organization Theory, 2021.
    DOI: 10.1007/s10588-021-09343-y

12. Kawther Saeedi, Anna Visvizi, "Software Development Methodologies, Heis, And The Digital Economy", Education Sciences, 2021.

13. Amal Babour, Javed I., Fatema Nafa, Kawther Saeedi, Dimah Alahmadi, "Discovery Engine For Finding Hidden Connections In Prose Comprehension From References", International Journal Of Advanced Computer Science And Applications, vol: 12, 2021.
    DOI: 10.14569/IJACSA.2021.0120140

14. Hanan Alghamdi, Ghada Amoudi, Salma Elhag, Kawther Saeedi, Jomanah Nasser, "Deep Learning Approaches For Detecting Covid-19 From Chest X-Ray Images: A Survey", Ieee Access, pp. 1-1, 2021.
    DOI: 10.1109/ACCESS.2021.3054484

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Publications.

15. Afnan Bayazed, Ola Torabah, Redha AlSulami, Dimah Alahmadi, Amal Babour, Kawther Saeedi, "Sdct: Multi-Dialects Corpus Classification For Saudi Tweets", International Journal Of Advanced Computer Science And Applications, vol: 11, 2020.
    DOI: 10.14569/IJACSA.2020.0111128

16. Ahood Almaleh, Muhammad Ahtisham Aslam, Kawther Saeed, "Adapting Naive Bayes Model For Text Classification With One-Of And Imbalanced Multi-Class Problems", International Journal Of Computer Science And Network Security, 2020.

17. Fatmah Baothman, Kawther Saeedi, Khulood Aljuhani, Safaa Alkatheri, Mashael Almeatani, Nourah Alothman, "Computational Intelligence Approach For Exploring The Use Of Blockchain In E-Voting: An Application For Municipal Council Elections", Intelligent Automation &Amp; Soft Computing, 2020.

18. Sara Alzahrani , Fatimah Alruwaili , Dimah Alahmadi and Kawther Saeedi, "Tb-Sac: Topic-Based And Sentiment Classification For Saudi Dialects Tweets", International Journal Of Computer Science And Network Security, 2020.

19. Walaa Alhebshi, Kawther Saeedi, Naif Aljohani , Sachi Arafat, Rabeeh Abbasi, "Mining And Classifying Social Network Data: The Case On King Abdul-Aziz University Twitter Accounts", Rii Forum 2020, 2020.

20. Afnan MuhammadSalh AlSukhayri, Muhammad Ahtisham Aslam, Kawther Saeedi, Muhamad Sheraz Arshed Malik, "A Linked Open Data-Oriented Sustainable System For Transparency And Open Access To Government Data: A Case Study Of The Public???S Response To Women???S Driving In Saudi Arabia", Sustainability, vol: 12, pp. 8608, 2020.
    DOI: 10.3390/su12208608

21. Kawther Saeedi, Monirah Dakilallah Almalki, Dania Aljeaid, Anna Visvizi, Muhammad Ahtisham Aslam, "Design Pattern Elicitation Framework For Proof Of Integrity In Blockchain Applications", Sustainability, vol: 12, pp. 8404, 2020.
    DOI: 10.3390/su12208404

22. Dimah Alahmadi, Amal Babour, Kawther Saeedi, Anna Visvizi, "Ensuring Inclusion And Diversity In Research And Research Output: A Case For A Language-Sensitive Nlp Crowdsourcing Platform", Applied Sciences, vol: 10, pp. 6216, 2020.
    DOI: 10.3390/app10186216

23. Zubaida Jastania, Mohammad Ahtisham, Rabeeh Ayaz, Kawther Saeedi, "Using Social Network Analysis To Understand Public Discussions: The Case Study Of #Saudiwomencandrive On Twitter", International Journal Of Advanced Computer Science And Applications, vol: 11, 2020.
    DOI: 10.14569/IJACSA.2020.0110230

24. Bashayer Alotaibi, Rabeeh Ayaz Abbasi, Muhammad Ahtisham Aslam, Kawther Saeedi, Dimah Alahmadi, "Startup Initiative Response Analysis (Sira) Framework For Analyzing Startup Initiatives On Twitter", Ieee Access, pp. 1-1, 2020.
    DOI: 10.1109/ACCESS.2020.2965181

25. Monirah D. Almalki, Kawther Saeedi, "The Pattern Of Proof Of Integrity For Applications On Blockchain Platform", Journal Of King Abdulaziz University Computing And Information Technology Sciences, vol: 8, pp. 95-105, 2019.
    DOI: 10.4197/Comp.8-1.9

26. Fouzia Alzhrani, Kawther Saeedi, Dania Aljeid, "Using Printable Integrated Multimedia Maps For Telling Islamic Heritage Sights In Al-Madinah Al-Monawarah", 19th Scientific Forum Of Hajj, Umrah And Madinah Visit Research, 2019.

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Publications.

27. Kawther Saeedi, Arwa Wali, Dema Alahmadi, Amal Babour, Faten AlQahtani, Rawan AlQahtani, Raghad Khawaja, Zaina Rabah, "Building A Blockchain Application: A Show Case For Healthcare Providers And Insurance Companies", Proceedings Of The Future Technologies Conference (Ftc) 2019, Proceedings Of The Future Technologies Conference (Ftc) 2019, vol: 1069, pp. 785-801, 2019.

    DOI: 10.1007/978-3-030-32520-6_57

28. Fatimah Alruwaili, Muna Alrajhi, Kawther Saeedi, "How Agile Development And Its Tools Support Digital Transformation", International Journal Of Computers &Amp;Amp; Technology, vol: 18, pp. 7440-7450, 2019.

    DOI: 10.24297/ijct.v18i0.8060

29. Ahood Almaleh, Muhammad Ahtisham Aslam, Kawther Saeedi, Naif Radi Aljohani, "Align My Curriculum: A Framework To Bridge The Gap Between Acquired University Curriculum And Required Market Skills", Sustainability, vol: 11, pp. 2607, 2019.

    DOI: 10.3390/su11092607

30. Kawther Saeedi, Liping Zhao, Pedro R. Falcone Sampaio, "Extending Bpmn For Supporting Customer-Facing Service Quality Requirements", 2010 Ieee International Conference On Web Services (Icws), pp. 616-623, 2010.

    DOI: 10.1109/ICWS.2010.116

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