



Associate Professor Dr. Mogeheb A. A. Mosleh
Artificial Intelligent & Data Science

Mogeheb, Mosleh

Personal Particulars

Date of Birth : 22 Aug 1978
Nationality : Yemen
Gender : Male

Contact Info

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Academic qualifications

Year	Major	University
2009 - 2013	PhD in Artificial Intelligent Natural Language Processing	University of Malaya – Kuala Lumpur Malaysia
2006 - 2009	Master in Software Engineering – Digital Image Processing	University of Malaya – Kuala Lumpur Malaysia
1998 - 2002	BSc. Computer Engineering & Software	University of Technology- Baghdad- Iraq

Languages

Language	Spoken	Written
Arabic	Native	Native
English	Excellent	Excellent

CAREER DETAILS

A) Academic

Permanent Employment

Taiz University (www.taiz.edu.ye)

Position: Academic Director for Center of Graduate Studies

Duration : Jun 2016 until Current

Previous Position: Head of Software Engineering Dep, March 2014 until January 2017

Current Employment

International University of Technology Twintech (www.iutt.edu.ye)

Position : Vice President for Academic Affairs

Duration : April 2019, Current,

Previous Position : Dean of FCSIT

Duration : Dec 2014, Aug 2019

Previous Employment

University of Malaya (www.um.edu.my)

Position Title : Senior Lecturer in (Bioinformatics Dep. –Information Technology Dep.)

Duration : Dec 2011, Dec 2013

B) Industrial & Research

Industrial

MIMOS (Malaysian Research Agency, www.mimos.my)

Position Title : Research Assistant

Specialization : Knowledge Mining Grid computing. – A.I Machine learning - Text Summarization

Duration : March 2009 – September 2011.

Research Assistant

University of Malaya (www.um.edu.my)

Position Title : Researcher

Position Level : Research Assistant

Specialization : Data and text Summarization

Duration : 2009 – September 2010.

C) Academic Administrative Position

Position	Department	Colleague	University	Country	Date
University Vice President	Academic Affairs	IUTT	IUTT	Yemen	April 2019 - Current
Dean	-Information Technology	FCSIT	IUTT	Yemen	2014- 2020
Deputy Dean	- Academic Affairs	Graduate Studies Center	Taiz Univ.	Yemen	2016- Yet
Head of Departments	- Software Engineering	FEIT	Taiz Univ.	Yemen	2014- 2017

Teaching Experience

Undergraduate Courses	Postgraduate Courses
Artificial Intelligent	Neural Networks
Machine Learning	IT Project Management
Digital Image Processing	Internet of Things
Knowledge Management	Research Methodology
Big Data Tools & Techniques	Data Mining & Data Warehousing
Data Mining & Warehouse	Deep Learning Techniques
Human Computer Interaction	Digital Image Processing
Software Engineering	Natural Language Processing
Intro. To Data Science	Digital Forensic
Data Science & AI Programming	Advance Machine Learning
Operating System	Cybersecurity
Microprocessor & Assembly Lang.	Information Assurance
Information Security & Audit	

Research Activities

1. Selected Publications

(2022)

- Anwar ul Hassan, C., Hammad, M., Iqbal, J., Hussain, S., Ullah, S. S., AlSalman, H., **Mosleh, Mosleh**, & Arif, M. A Liquid Democracy Enabled Blockchain-Based Electronic Voting System. *Scientific Programming*, 2022. (ISI).
- Qasim, I., Awan, M., Ali, S., Khan, S., **Mosleh, Mogeeb**, Alsanad, A., Khattak, H., & Alam, M. Affinity Propagation-Based Hybrid Personalized Recommender System. *Complexity*, 2022. (ISI).

(2021)

- Ch Anwar ul Hassan, Jawaid Iqbal, Saddam Hussain, Hussain AlSalman, **Mogeeb AA Mosleh**, Syed Sajid Ullah, 2021." A Computational Intelligence Approach for Predicting Medical Insurance Cost ". Mathematical Problems in Engineering, 2021. (ISI).
- Rehman Ullah Khan, Hizbullah Khattak, Woei Sheng Wong, Hussain AlSalman, **Mogeeb AA Mosleh**, Mizanur Rahman, Sk Md. "Intelligent Malaysian Sign Language Translation System Using Convolutional-Based Attention Module with Residual Network ". Computational Intelligence and Neuroscience. 2021. (ISI).
- Bader Fahad Alkhamees, **Mogeeb AA Mosleh**, Hussain AlSalman, Muhammad Azeem Akbar. " An Effective Approach for Modular Community Detection in Bipartite Network Based on Integrating Rider with Harris Hawks Optimization Algorithms ". Journal of Mathematics. 2021.
- Rehab AA Mohameed, Ruba MS Naji, Afnan MA Ahmeed, Dina AA Saeed, **Mogeeb AA Mosleh**. "Automated translation for Yemeni's Sign Language to Text Using Transfer Learning-based Convolutional Neural Networks". 2021 1st International Conference on Emerging Smart Technologies and Applications (eSmarTA). 2021.
- Abdulfattah E Ba Alawi, **Mogeeb AA Mosleh**, Ziad Almohagry, Ahmed YA Saeed. "Parasitized Cell Recognition Using AlexNet Pre-trained Model". 2021 1st International Conference on Emerging Smart Technologies and Applications (eSmarTA). 2021.
- Tahir Mahmood, Zeeshan Ali, Kifayat Ullah, Qaisar Khan, Ahmed Alsanad, **Mogeeb AA Mosleh**. "Linear Diophantine Uncertain Linguistic Power Einstein Aggregation Operators and Their Applications to Multiattribute Decision Making". Complexity. 2021. (ISI).
- Abrar Hussain, Ahmed Alsanad, Kifayat Ullah, Zeeshan Ali, Muhammad Kamran Jamil, **Mogeeb AA Mosleh**. "Investigating the Short-Circuit Problem Using the Planarity Index of Complex q-Rung Orthopair Fuzzy Planar Graphs". Complexity. 2021. (ISI).

- Saeed Ullah Jan, Sikandar Ali, Irshad Ahmed Abbasi, **Mogeeb AA Mosleh**, Ahmed Alsanad, Hizbullah Khattak. "Secure patient authentication framework in the healthcare system using wireless medical sensor networks". Journal of Healthcare Engineering. 2021. **(ISI)**.
- Amjad Hussain, Ahmed Alsanad, **Mogeeb AA Mosleh**. "Spherical Cubic Fuzzy Extended TOPSIS Method and Its Application in Multicriteria Decision-Making". Mathematical Problems in Engineering. 2021. **(ISI)**.
- Huma Bashir, Syed Inayatullah, Ahmed Alsanad, Rukhshanda Anjum, **Mogeeb Mosleh**, Pakeeza Ashraf, (2021). "Some Improved Correlation Coefficients for q-Rung Orthopair Fuzzy Sets and Their Applications in Cluster Analysis". Journal of Mathematical Problems in Engineering, (2021). **(ISI)**.
- Awsan AH Othman, Emarn AA Muhammed, Haneen KM Mujahid, Hamzah AA Muhammed, **Mogeeb AA Mosleh** (2021). "Online Voting System Based on IoT and Ethereum Blockchain". 2021 International Conference of Technology, Science and Administration (ICTSA).
- **Mogeeb Mosleh**, Ayman Abduh Alsabry, Hamzah Ali Qasem, (2021). "Impact of Solar Energy Usage on Organizations' Energy Needs: Evidence from Private Banks in Yemen". International Journal of Scientific & Engineering Research, 12(4).
(2020)
- Firdaus Aziz, Sorayya Malek, Adliah Mhd Ali, Mee Sieng Wong, **Mogeeb Mosleh**, Pozi Milow, (2020). "Determining hypertensive patients' beliefs towards medication and associations with medication adherence using machine learning methods". PeerJ, 2020.
(2019)
- **Mogeeb A.A. Mosleh**, Abdul Aziz AL-Yamni, Abdu Gomai, (2019). "An Automatic Nuclie cell Counting Approach Using effective Image Processing Methods". IEEE 4th International Conference on Signal and Image Processing.
- Sorayya Malek, **Mogeeb Mosleh**, Sarinder K. and Milow, Pozi (2019). *Bioimage Informatics, chapter in Book "Encyclopedia of Bioinformatics and Computational Biology"*, pages (993-1010), 2019, doi = {10.1016/b978-0-12-809633-8.20308-7}
(2018)
- Sorayya Malek, R. Gunalan, S.Y. Kedija, C.F. Lau, **Mogeeb A.A. Mosleh**, Pozi Milow, S.A. Lee, A. Saw (2018). *Random forest and Self Organizing Maps application for analysis of pediatric fracture healing time of the lower limb*, Neurocomputing, Volume 272, Pages 55-62, ISSN 0925-2312. **(ISI)**.
(2017)
- Soon Jye Kho, Sugumaran Manickam, Sorayya Malek, **Mogeeb Mosleh** & Sarinder Kaur Dhillon (2017). *Automated plant identification using artificial neural network and support vector machine*, Frontiers in Life Science, Vol. 10, Iss. 1. **(ISI)**
(2016)

- **Mosleh, Mogeeb** AA, Baba, Mohd, Malek, Sorayya, Almakatari, Rasheed. (2016). Ceph-X: Development and Evaluation of 2D cephalometric System. BMC bioinformatics, 17(Suppl X), S10. In press. **(ISI)**
- Malek, Sorayya, Gunalan, R, Kedija, SY, Lau, CF, **Mosleh, Mogeeb** AA, Milow, Pozi. (2016). *A Primary Study on Application of Artificial Neural Network in Classification of Pediatric Fracture Healing Time of the Lower Limb*. Paper presented at the 10th International Conference on Practical Applications of Computational Biology & Bioinformatics. Springer International Publishing.
- **Mosleh, Mogeeb** AA, Alhussein, Musaed A, Baba, Mohd Sapiyan, Malek, Sorayya, & ab Hamid, Sitihaifah. (2016). *Reviewing and Classification of Software Model Checking Tools* Advanced. Computer and Communication Engineering Technology (pp. 279-294): Springer International Publishing.
- **Mosleh, Mogeeb** AA, Baba, Mohd Sapiyan, Malek, Sorayya, & Alhussein, Musaed A. (2016). *Challenges of Digital Note Taking*. Advanced Computer and Communication Engineering Technology (pp. 211-231): Springer International Publishing.

(2015)

- Sorayya Bibi Malek, Cham Hui, Lau Chiah Fong, **Mogeeb Mosleh**, Pozi Milow, Sarinder Kaur Dhillon, Sharifah MUmtazah. *"Ecological Data Prediction and Visualization System"*. Journal of Frontiers in Life Science. Taylor & Francis, 2015, pp 1-12. DOI: 10.1080/21553769.2015.1041167. **(ISI)**
- Hui Cham, SorayyaMalek, Aishah Salleh, Sarinder Kaur, Pozi Millow, **Mogeeb Mosleh**. *"Application of web services for Aquatic data warehouse system"*. ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 15, AUGUST 2015, pp (6458 – 6462)

(2014)

- Sorayya Malek, **Mogeeb Mosleh**, Sharifah M. Syed." *Dissolved Oxygen Predicating Using Support Vector Machine*. International Journal of Computer, Information Science and Engineering. 2014. Vol (8), issue(1), pp 46-50. Index in (Scopus, ACM Digital Library)
- Sorayya Malek, **Mogeeb Mosleh**, Sharifah M. Syed." *Dissolved Oxygen Predicating Using Support Vector Machine*. ICBHES 2014 : International Conference on Biological, Health and Environmental Sciences, London - UK; 20-21 Jan/2014.

(2013)

- **Mogeeb A. A. Mosleh**, Mohd Sapiyan Baba. (2013). *A SmartInk: Mediator Solution of Technology Learning Dilemma for Digital Note Application*. International Journal of Scientific & Engineering Research, 4(6), 61 – 67.
- **Mogeeb A. A. Mosleh**, Mohd Sapiyan Baba. (2013). *Technology Learning Dilemma in Digital Note Taking Application*. Paper Presented at the 3rd GCARSET 2013 – Global Conference for Academic Research on Scientific and Emerging Technologies. March 9 to 11, 2013 in Kuala Lumpur, Malaysia.

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- **Mosleh, Mogeheb** AA, Manssor, Hayat, Malek, Sorayya, Milow, Pozi, & Salleh, Aishah. (2012). *A preliminary study on automated freshwater algae recognition and classification system*. BMC bioinformatics, 13(Suppl 17), S25. Index in (ISI, PubMed, Scopus, Midline)

(2011)

- Hayat Mansoor, Sorayya M, Aishah S, **Mogeheb A.A Mosleh**. (2011). *Automatic Recognition System for some cyanobacteria using image processing Techniques and ANN approach*. International Conference on Environmental and Computer Science IPCBE.

(2009)

- Al-Kdasi, Adel, Idris, Azni, Chuah Abdullah, Luqman, El-Harbawi, Mohanad, Alzokry **Mogeheb Mosleh**, & Yin, Chun-Yang. (2009). *Development of a software to simulate effluent characteristics of textile wastewater treatment*. International Journal of Process Systems Engineering, 1(1), 82-99.
- **Mosleh, Mogeheb** AA, Baba, Mohd Sapiyan, Himazian, Nor, & AL-Makramani, Bandar. (2008). *An image processing system for cephalometric analysis and measurements*. Paper presented at the Information Technology, 2008. ITSIm 2008 Vol(4), pp 1:8.

References Contacts

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Prof. Mohammed A. Sabri	Sabri1966@yahoo.com

2. Website References

- Google Scholar
<https://scholar.google.com/citations?user=JjIAntgAAAAJ&hl=en>
- Research Gate
https://www.researchgate.net/profile/Mogeheb_Mosleh
- OCRI: <https://orcid.org/0000-0001-5094-5561>
- Publon: <https://publons.com/researcher/2772099/mogeheb-a-a-mosleh>
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