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Yazan . A . AL - Khassawneh   04 - 18 - 1982

Profile	Computer Scientist with PhD degree in Computer Science, specialization in Artificial Intelligence / Data Mining and Big Data. My research interest includes but not limited to Data mining & Knowledge Discovery, Text Mining, Big Data, Information Retrieval & Extraction, Artificial Intelligence, Data Science and Graph Theory.
Research interests	**Artificial Intelligence.** **Data Science.** **Big Data.** **Data mining & Knowledge Discovery.** **Text Mining.** **Information Retrieval & Extraction.** **Graph Theory.**
Education	▪ 2017 UTM – Malaysia (**World Rank # 187 QS, 2021**) ▪ PhD degree in Computer Science (Faculty of Computing) Specialization: **Artificial Intelligence / Data Mining & Big Data** Thesis Title: Sub-Graph Approach Based on Hybrid and Semantic Similarity Measurements for Single Document Extractive Summarization. Supervisor: Prof. Dr. Naomie Salim.

- 2011   UKM – Malaysia (**World Rank # 141 QS, 2021**)
- Master degree in Computer Science (Faculty of Information Science and Technology, FTSM)

  Specialization: **Data Mining (Association Rules Mining / Graph Mining)**

  Thesis Title: Graph based association rules mining using triangle counting approach.

  Supervisor: Prof. Dr. Azuraliza Abu Bakar.

- 2004   Yarmouk University – Irbid, Jordan
- Bachelor degree in Computer Science (Faculty of Information Technology and Computer Science).

Experience

- **Zarqa Private University (Zarqa – Jordan)**

Assistant Professor (Artificial Intelligence Department) from December, 16, 2019 – now.

Assistant Professor (Computer Science Department) from October, 30, 2017 – December, 15, 2019.

- **University Technology Malaysia (UTM)**

Teaching Assistant from September 2013 – June 2014

- **Tiberias Cultural Center (Irbid – Jordan)**

ICDL trainer from 2005 to 2008

- **Ibn Taymeah Primary School**

Science and Computer Science teacher from February 2006 to June 2006.

- **Hamad Al-Farhan Secondary School**

Computer Science Teacher from February 2009 till June 2009.

Teaching Courses

1. Data Mining and Warehousing
2. Research Methodology and Ethics
3. E-Business
4. Information Retrieval
5. System Analysis
6. Computer Information System
7. Digital Logic Design
8. Computer Organization and Architecture
9. Artificial Intelligence
10. Digital Image Processing
11. Artificial Intelligence Programming (Python Programming)
12. Database and Oracle
13. Object Oriented Programming (JAVA)

Research Group	Data Mining and Optimization DMO (FTSM – UKM – Malaysia)
	Soft Computing Research Group SCRG, (FC – UTM - Malaysia)

Workshops

1. International Workshop on Big Data Analytics 2015 'Multi Strategy Learning Analytics for Big Data'. University Technology Malaysia, Kuala Lumpur, 17 – 18 August 2015.

2. Big Data Analytic Talk using OSI Platform. University Technology Malaysia, Johor Bahru, 10 June 2015.

3. Three Minutes Thesis (3MT) Competition 2015. University Technology Malaysia, Johor Bahru, 25 February 2015. (The result was 4th out of 13 participants).

4. Introduction to NeuraBASE Toolbox. Neuramatix Training Centre. Mid Vally City, Kuala Lumpur, Malaysia, 26 September 2014.

5. Soft Computing Seminar (SOCOS 2014). University Technology Malaysia, Johor Bahru, 25 – 25 June 2014.

6. Proposal Defense and VIVA Voce. University Technology Malaysia, Johor Bahru, 5 March 2014.

7. TURN-IT-IN. University Technology Malaysia, Johor Bahru, 27 February 2014.

8. 9th Postgraduate Annual Research Seminar (PARS). University Technology Malaysia, Johor Bahru. 24 – 26 September 2013.

9. Soft Computing Seminar (SOCOS 2013). Glory Beach Resort, Port Dickson, Malaysia, 28 – 30 May 2013.

10. 8th Postgraduate Annual Research Seminar (PARS). University Technology Malaysia, Johor Bahru, 27 – 29 November 2012.

Academic Activities

1. Keynote speaker at the fourth virtual scientific Webinar organized by IEEE Yemen Subsection. In cooperation with college of Engineering and information technology -AlArab University, Mukalla, Yemen. Online workshop under the title of "**Artificial Intelligence: The Industrial Revolution and Digital Transformation**". 29 – September – 2020.

2. Keynote speaker at Hadramout University collaborating with Academic Development Center and Quality Assurance. Online workshop under the title of "**Tips and Guidelines to write a good research paper**". 23 – September – 2020.

3. Keynote speaker at Hadramout University collaborating with Academic Development Center and Quality Assurance. Online

workshop under the title of "**Scientific Research: Methods, Tools, and Ethics**". 17 – October – 2020.

4. Chairman of the Academic Activities Committee. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2020-2021.

5. Chairman of the Academic Activities Committee. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2019-2020.

6. Member of the Students Activities Committee. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2020-2021.

7. Member of the Students Activities Committee. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2019-2020.

8. Member of the Academiuc Activities Committee. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2018-2019.

9. Vice chairman of the Employment and Scientific day event. Faculty of Information Technology, Zarqa University, Zarqa, Jordan, 2019-2020.

10. General Secretary of Postgraduate Student Society (PGSS). Faculty of Computing, University Technology Malaysia, Johor Bahru, 2012 – 2013.

11. General Secretary of Postgraduate Student Society (PGSS). Faculty of Computing, University Technology Malaysia, Johor Bahru, 2013 – 2014.

12. Chairman in the 9th Postgraduate Annual Research Seminar (PARS). University Technology Malaysia, Johor Bahru. 24 – 26 September 2013.

13. Committee Member in the Three Minute Thesis (3MT) Competition. University Technology Malaysia, Johor Bahru, 19 March 2014.

Peer Review Activities

Editorial Activities
- Reviewer in PLOSONE Journal, since 2017. (Q1, Journal)
- Reviewer in IRICT (International Conference of Reliable Information and Communication Technology).
- Reviewer in ACIT (International Arab Conference on Information Technology).

Attended Training Courses	October 2003 Yarmouk University Irbid, Jordan
	Certified for CCNA 1 Networking basics
	
	   ▪ Learned most of the Networking basics, such as IP addresses, LANs, TCP/IP and OSI Model and much more about networks and internet.
	
	February 2004 Yarmouk University Irbid, Jordan
	Certified for CCNA 2 Routers and Routing basics
	
	   ▪ Got professional experience in routing protocols, and Networks Operating System command set.
	
	April 2004 Yarmouk University Irbid, Jordan
	Certified for CCNA 3 Switching Basics and Intermediate Routing
	
	   ▪ Got professional experience in VLANs, IGRP, and IPX.
	
	July 2004 Yarmouk University Irbid, Jordan
	Certified for CCNA 4 WAN Technologies
	
	   ▪ Got professional experience in WAN Technologies.
	
	Feb 2004 Yarmouk University Irbid, Jordan

Publications	1. **Yazan Alaya Al-Khassawneh** and Prof Dr Naomie Salim. Algorithms to Find Triangles in the Graph as a Sub-Graph. Copyright, University Technology Malaysia, 2015. 2. **Yazan Alaya Al-Khassawneh** and Prof Dr Naomie Salim. Representing Text as Graph Algorithms. Copyright, University Technology Malaysia, 2015 3. **Yazan Alaya Al-Khassawneh** and Prof Dr Naomie Salim. Graph – Based Extractive Text Summarization using Reduction Techniques. Copyright, University Technology Malaysia, 2015 4. **Yazan Alaya AL-Khassawneh.** (2020). The use of Semantic Role Labelling with Triangle-Graph Based Text Summarization. International Journal of Emerging Trends in Engineering Research, 8(4), 1162-1169. (**SCOPUS Indexed**). 5. **AL-Khassawneh, Y. A**., Salim, N., & Jarrah, M. (2017). Improving Triangle-Graph Based Text Summarization using

Hybrid Similarity Function. *Indian Journal of Science and Technology*, *10*(8). (**WOS, ISI Indexed**).

6. **AL-Khassawneh, Y. A**., Salim, N., & Obasae, A. I. (2016). Sentence Similarity Techniques for Automatic Text Summarization. *Journal of Soft Computing and Decision Support Systems*, *3*(3), 35-41.

7. **Yazan Alaya AL-Khassawneh**, Naomie Salim, Mutasem Jarrah. "Features Effect On Triangle Graph Approach For Extractive Text Summarization: Hybrid Model" (2016). 2nd International Congress On Technology - Engineering & Science. Kuala Lumpur, Malaysia, 28th -29th July 2016.

8. **Yazan A. Al-Khassawneh**, Naomie Salim, Isiaki A. Obasa, "Graph-based Extractive Text Summarization Based on Triangle Counting Approach" (2014). The International Conference for Academic Disciplines in Rome: 28th – 31thOctober 2014.

9. **Yazan A. Al-Khassawneh**, Naomie Salim, Isiaka A. Obasa (2014). "Extractive Text Summarization Using Graph Triangle Counting Approach: Proposed Method." 1st International Conference of Trends in Information and Communication Technologies: Universiti Teknologi Malaysia :12th - 14thSeptember 2014

10. **Yazan Al-khassawneh** and Naomie Salim**. (2012). On the Use of Data Mining Techniques in Vehicular ad Hoc Network. The International Conference on Advanced Machine Learning Technologies and Applications (AMLTA12), the Cairo University, Cairo, Egypt during Dec. 8-10, 2012. (**Indexed by IE & SCOPUS**).

11. **Al-Khassawneh. Y.A.J,** Bakar, A.A, Zainudin, S. "Triangle Counting Approach for graph-based Association Rules Mining", Fuzzy Systems and Knowledge Discovery (FSKD), 2012 9th International Conference on 29-31 May 2012, pp, 661-665, Sichuan, China.

12. Obasa, A. I., Salim, N., & **Al-Khassawneh, Y. A**. (2014). A Survey Of Challenges And Resolutions Of Mining Question-Answer Pairs From Internet Forum. Jurnal Teknologi 71(5):103-109. **(SCOPUS indexed)**

13. Obasa, A. I., Salim, N., & **Al-Khassawneh, Y. A**. Mining Of Answers From Web Forum: Lexical Versus Non-lexical Approaches. Academic Journal of Science. 3(3) pp 243–251, 2014.

14. Isiaka A. Obasa, Naomie Salim and **Yazan Al-Khassaweh** "Mining Question – Answer Pairs from Web Forum : A Survey of Challenges and Resolution" (2014). 5th Annual Conference International Graduate Conference on Engineering, Science and Humanities 2014: Universiti Teknologi Malaysia: 19th–21th August 2014.

15. Isiaka A. Obasa, Naomie Salim and **Yazan A. Al-Khassaweh** "Mining of Answer from web forum: lexical versus non-lexical approaches" (2014). The International Journal Arts and Sciences' (IJAS) International Conference for Academic Disciplines in Rome :28th – 31th October 2014.

References   Upon request.