

Curriculum Vitae (CV)



Personal Information

- **Name:** Khalid Mohamed Oqlah Nahar.
- **Birth Place:** KufriKhal-Jarash.
- **Birth Date:** October 3, 1970.
- **Nationality:** Jordanian.
- **Marital Status:** Married.
- **No. of Childs:** 5.
- **Mail-Address (Jordan):**
Dr.Khalid M.O. Nahar
Computer Science Department
Faculty of Information Technology
Yarmouk University
Irbid-Jordan
- **Job Title:** Assistant Professor in Computer Science
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Education

Degree	University	Graduation Date	Cumulative Average	Grade
BSc In Computer Science	Yarmouk University / Irbid-Jordan	19-1-1992	79.0	Very Good
MSc In Computer Science	Yarmouk University / Irbid-Jordan	14-6-2005	91.9	Excellent
PhD In Computer Science & Engineering	King Fahd University of Petroleum and Minerals	15-5-2013	3.8 /4 Grade	Excellent

Spoken Languages

	Arabic	English
Oral	Excellent	Excellent
Writing skills	Excellent	Excellent

History of Professional Employment

No.	Period		Job	Organization
	From	To		
1	18/2/92	8/6/92	Teacher	Directorate of Education
2	26/9/92	10/4/93	Instructor	Ibn-Khaldoun College-Irbid
3	10/4/93	10/8/1999	Teaching Research Assistant	Yarmouk University
4	1/9/1999	1/6/2002	Teacher Assistant	Teachers College – Baha-Saudi Arabia
5	20/8/2002	1/9/2003	Teaching Research Assistant	Yarmouk University
6	1/6/2005	1/9/2010	Instructor	Yarmouk University
7	1/9/2010	15/5/2013	PhD student/Lec-B	King Fahd University of Petroleum and Minerals
8	24/9/2013	1/9/2014	Assistant Professor	Tabuk University
9	13/7/2015	Now	Assistant Professor	Yarmouk University

Programming Languages and Tools

- VP .NET
- Visual C++, C#,C.
- Oracle SQL, PL/SQL
- Turbo Prolog, Pascal from Ver 3 up Ver 9, Top-Speed Modula 2, Fortran 77
- CLIPS
- MATLAB 2010a-2018 (professional)
- Sphinx ASR system
- HTK ASR system
- Pocket-Sphinx
- Python
- Machine Learning Tools: Weka, Knime, and Orange

Workshops and Training courses

- Introduction to Operating System (UNIX).
- HP-UNIX System Administration (50 hours).
- ECDL (Microsoft certificate).
- Arabic Language Processing Workshop – Saudi Arabia /Tabuk.
- Multiple Workshops on Speech Processing.

Internal and External Project

- Internal Project Number 2017/39 "Automatic Identification of Human Faces During Conflicts", Still Running.
- Internal Project Number 2018/16 "Monitoring and Protecting Athletics in the Field based on IOT", Still Running.
- Internal Project Number "Holy Quran Citation Manager" in the Field of NLP.
- External HOPES project for Syrian Refugees for MICRO-MASTER Program on DATA SCIENCE and MACHINE LEARNING. (Closed)
- External "Kastrum Project-CNR/DOA/MAECI: Enhancement of the UNESCO Site Umm ar-Rasas". The project is based on using Augmented Reality. (Recently Started).

Taught Courses at Yarmouk University and Other Universities

- *I have taught several courses at Yarmouk University, and other inside and outside Universities, Includes:*
 - CS100: An introduction to computer and its applications (Non-computer science students Office + SharePoint Designer).
 - CS101: An introduction to programming (C++ programming language).
 - CS102: An introduction to computer science.
 - CS114: AI programming (prolog language).
 - CS117: Object Oriented Programming (Also At Tabuk University – KSA).
 - CS 250: Data Structures with Object Oriented Programming.
 - CS 255: Data Structures LAB.
 - CS334: Data communication and networking.
 - CS 416: Computer Graphics with OpenGL.
 - CS 434: Distributed Systems.
 - **CS 634: Advanced Network for Master Students.**
 - **AI 671: Natural Language and Speech Processing for Master Students.**
 - **AI 675: Machine Learning for Master Students.**
 - **AI 672: Knowledgebase Systems.**
 - **AI 660: Speech Recognition and Understanding.**
 - CS 317: Fundamentals of Programming Languages (in Just University)

Research Interest

Main Topic: Artificial Intelligence (AI).

Sub-Topics:

- Continuous Arabic Speech Recognition and its engineering
- Pattern Recognition and Image Processing.
- Natural Language Processing (NLP) (Arabic Computing including OCR).
- Machine Learning (Supervised/Unsupervised Learning, Deep Learning, and Transfer Learning).
- Data Science and Information Retrieval.
- Wireless Sensor Networks.
- Data Security and Encryption.

Occupied Academic Positions

➤ Dean Assistant for Quality Control

Publications

1. **Nahar, Khalid M.O;** " *Off-line Arabic Hand-writing Recognition using Artificial Neural Network with Genetics Algorithm*", The International Arab Journal of Information Technology (IAJIT) , Vol 15, No 6, November 2018.
2. **Nahar, Khalid M.O;** " *NLP And IR Based Solution for Confirming Classification of Research Papers*", Journal of Theoretical and Applied Information Technology published (JATIT) (**It will be published on 31st August 2018**), Vol 15, No 6.
3. **KHALID M.O. NAHAR, NOUH ALHINDAWI, OBAIDA M. AL-HAZAIMEH, RAED M. AL-KHATIB, ABDALLAH M AL-AKHRAS,**" NLP AND IR BASED SOLUTION FOR CONFIRMING CLASSIFICATION OF RESEARCH PAPERS", Journal of Theoretical and Applied Information Technology 31st August 2018 -- Vol. 96. No. 16 – 2018.
4. **KHALID M.O. NAHAR, RAED M. AL-KHATIB, MOY'AWIAH AL-SHANNAQ, MOHAMMAD DARADKEH, RAMI MALKAWI**" Direct Text Classifier for Thematic Arabic Discourse Documents", International Arab Journal of Information Technology (IAJIT), Volume 17, No. 3, May 2020
5. **KHALID M.O. NAHAR, AHMED F. AL EROUD, MALEK BARAHOUSH, ABDALLAH M AL-AKHRAS,** "SAP: Standard Arabic Profiling Toolset", International Journal of Machine Learning and Computing (IJMLC), Vol. 9, No. 2, April 2019.
6. **KHALID M.O. NAHAR, , MOYAWIAH AL-SHANNAQ, AHMAD MANASRAH, RAFAT ALSHORMAN, IYAD ALAZZAM,** "A Holy Quran Reader/Reciter Identification System Using Support Vector Machine", International Journal of Machine Learning and Computing (IJMLC), Vol. 9, No. 5, October 2019.
7. Moy'awiah Al-Shannaq, **Khalid M.O. Nahar,** Khaldoun MK.H Halawani, "AQAS: ARABIC QUESTION ANSWERING SYSTEM BASED ON SVM, SVD, and LSI", Journal of Theoretical and Applied Information Technology (JATIT), Vol. 97 Issue 02 on 31st January 2019.
8. **Nahar, K. M. O.,** Shquier, M. M. A., & Alsmadi, I. (2016). Students performance between classical and online education: a comparative study. *International Journal of Continuing Engineering Education and Life-Long Learning*, 26(4), 359. <https://doi.org/10.1504/IJCEELL.2016.080966>.
9. **Nahar, K. M. O.,** Abu Shquier, M., Al-Khatib, W. G., Al-Muhtaseb, H., & Elshafei, M. (2016). Arabic phonemes recognition using hybrid LVQ/HMM

model for continuous speech recognition. *International Journal of Speech Technology*, 19(3), 495–508. <https://doi.org/10.1007/s10772-016-9337-5>.

10. Iyad Alazzam, Izzat Alsmadi and **Khalid M.O Nahar**, “Software Design Principles to Enhance SDN Architecture” *International Journal of Advanced Computer Science and Applications (ijacsa)*, 7(8), 2016. <http://dx.doi.org/10.14569/IJACSA.2016.070822>.
11. Das, T. K., & **Nahar, K. M. O.** (2016). A Voice Identification System using Hidden Markov Model. *Indian Journal of Science and Technology*, 9(4). <https://doi.org/10.17485/ijst/2016/v9i4/83894>.
12. Maqableh, M. , Masa'deh, R. , Shannak, R. and **Nahar, K.** (2015) Perceived Trust and Payment Methods: An Empirical Study of MarkaVIP Company. *International Journal of Communications, Network and System Sciences*, 8, 409-427. doi: 10.4236/ijcns.2015.811038.
13. **Nahar, Khalid M.O**; Al-Muhtaseb, Husni; Al-Khatib, Wasfi G.; Elshafei, Moustafa; Alghamdi, Mansour M., " *Arabic Phonemes Transcription Using Data Drive Approach*", *The International Arab Journal of Information Technology (IAJIT)* , (ISSN: 2309-4524), 2014
14. **Nahar, Khalid M.O**; Al-Khatib, Wasfi G.; Elshafei, Moustafa; Al-Muhtaseb, Husni; Alghamdi, Mansour M., "Data-driven Arabic phoneme recognition using varying number of HMM states," *Communications, Signal Processing, and their Applications (ICCSPA)*, 2013 1st International Conference on , vol., no., pp.1,6, 12-14 Feb. 2013 doi: 10.1109/ICCSPA.2013.6487258.
15. **Khalid M. O Nahar**, Mustafa Elshafei, Wasfi G. Al-Khatib, Husni Al-uhtaseb, Mansour M. Alghamdi. “*Statistical Analysis of Arabic Phonemes for continous Speech Recognition*”, *International Journal of Computer and Information Technology* (ISSN: 2279 – 0764) Volume 01– Issue 02, November 2012.
16. **Khalid M. O Nahar**, Mustafa Elshafei, Wasfi G. Al-Khatib, Husni Al-uhtaseb, Mansour M. Alghamdi. “*Statistical Analysis of Arabic Phonemes Used in Arabic Speech Recognition*”, 19th International Conference, ICONIP 2012, Doha, Qatar, November 12-15, 2012, Proceedings, Part I, pp 533-542.
17. **Khalid Nahar**, Osama Abu Abbas and Ahmad Mansour, “Hybrid Cipher System” , *ABHATH AL-YARMOUK: "Basic Sci. & Eng."* Vol. 19, No. 1, 2010.
18. Mohammad Tubishat, **Khalid Nahar** and Osama Abu Abbas * 1, “Dual Language Encryption System”, *ABHATH AL-YARMOUK: "Basic Sci. & Eng."* Vol. 18, No. 2, 2009, pp. 215- 226 Received on March 10, 2009 Accepted for publication on June 1,
19. **Khalid Nahar** and Izzat alsmadi “The Automatic Grading for online exams with Essay Questions Using Statistical and Computational Linguistics Techniques”, *MASAUM Jornal of computing*, Volume 1 Issue 2, September 2009.
20. **Khalid Nahar**, Osama Abu Abbas and Mohammad Tubishat. HRO encryption system. In the proceedings of the 8th international Arab Conference on Information Technology (ACIT2007). November 26-28, 2007: 73-79.

21. Osama Abu Abbas, **Khalid Nahar** and Mohammad Tubishat. ARAE cipher system. In the proceedings of the 8th international Arab Conference on Information Technology (ACIT2007). November 26-28, 2007:90-93.
22. Al-Kabi, Mohammed; Kanaan, Ghassan; Al-Shalabi, Riyadh and **Nahar, Kahlid**. Bani-Ismael, Basel Mohammed "Statistical Classifier of the Holy Quran Verses (Fatiha And Yaseen Chapters)", Journal of Applied Sciences 5(3): 580-583, 2005.
23. Al-Shalabi, Riyadh, Kanaan, Ghassan, **Nahar, Kahlid** and Madalal, Mohammad. "Question Answering System For Arabic Language Using N-gram Technique", International Journal of Applied Science and Computations Vol. 12, NO.2 August 2005, pages 113 - 128.

A set of papers are submitted and under processing for more See my Google Scholar Profile Please