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| **Personal Details** |
| **Name** | **Ayad Mohammed Jabbar** |  |
| **Email**  | **ayadmohammed@sa-uc.edu.iq** |
| **Phone Number** |  |
| **Address** | **Basra-Iraq** |
| **Education** |
| **Certificate** | **Date** | **University** | **Country** |
| **Computer Science degree** | **2008** | **Shatt Al-Arab University College** | **Iraq** |
| **Master of Science degree** | **2011** | **University Utara Malaysia**  | **Malaysia** |
| **Ph.D Information Technology** | **2021** | **University Utara Malaysia**  | **Malaysia** |
| **Languages** |
| **English** | **Very Good** |
| **Arabic** | **Mother language** |
| **Other** |  |
| **Training Courses/ Workshops** |
| **Title**  | **Date**  | **Period** | **Country** |
| **E-government and Usage of the Information Technology in Higher Education** | **21-08-2013** | **7 Days** | **Istanbul, Turkey** |
| **FORSA** | **26-08-2015** | **3 Days** | **Iraq** |
| **Managerial Position** |
| **Title** | **From**  | **To**  |
| **Director of Affairs and Registration Department at Shatt Al-Arab University College** | **2020** | **-** |
| **Head of Computer Technology Engineering Department**  | **2021** | **-** |
|  |  |  |
| **Scientific Research** |
| **Title**  | **Place & Date of Publication**  |
| A. M. Jabbar and K. Ku-Mahamud, “Adaptive Grey Wolf Optimization Algorithm with Neighborhood Search Operations: An Application for Traveling Salesman Problem,” International Journal of Intelligent Engineering and Systems, 14(6), 539-553. 2021 | 2021 |
| A. M. Jabbar and K. Ku-Mahamud, “Hybrid Black Widow Optimization and Variable Neighborhood Descent Algorithm for Traveling Salesman Problem,” International Journal of Systematic Innovation, 6 (5), 539-553. 2021 | 2021 |
| A. M. Jabbar and K. Ku-Mahamud, “Grey wolf optimization algorithm for hierarchical document clustering,” Indonesian Journal of Electrical Engineering and Computer Science, 24(3), 1744-1758. 2021 | 2021 |
| A. M. Jabbar and K. Ku-Mahamud, “Ant-based sorting and ACO-based clustering approaches: A review,” IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE), pp. 217-223, 2018. | 2018 |
| A. M. Jabbar, K. R. Ku-Mahamud, and R. Sagban, “Modified ACS Centroid Memory for Data Clustering,” J. Comput. Sci., vol. 15, no. 10, pp.1439–1449,2019.  | 2019 |
| A. M. Jabbar, R. Sagban, and K. R. Ku-Mahamud, “balancing exploration and exploitation in acs algorithms for data clustering,” J. Theor. Appl. Inf. Technol., vol. 97, no. 16, pp. 4320–4333, 2019.  | 2019 |
| A. M. Jabbar, “Controlling the Balance of Exploration and Exploitation in ACO Algorithm,” J. Univ. Babylon, vol. 26, pp. 10-17, 2018 | 2018 |
| A. M. Jabbar., Ku-Mahamud, K. R., & Sagban, R. (2020). An improved ACS algorithm for data clustering. Indonesian Journal of Electrical Engineering and Computer Science, 17(3), 1505–1515.  | 2020 |
| A.M. Jabbar., Ku-Mahamud, K. R., & Sagban, R. (2021). Improved Self-Adaptive ACS Algorithm for Determining The Optimal Number of Clusters. International Journal on Advanced Science, Engineering and Information Technology. | 2021 |
| A.M. Jabbar. (2021). Local and Global Outlier Detection Algorithms in Unsupervised Approach: A Review. | 2021 |
| Katuk, N., Ku-Mahamud, K. R., Zakaria, N. H., & Jabbar, A. M. (2020). A scientometric analysis of the emerging topics in general computer science. Journal of Information and Communication Technology, 19(4), 583-622. | 2020 |
| A. M. Jabbar (2021).Rule Induction with Iterated Local Search, International Journal of Intelligent Engineering and Systems, 14(1), 289-298 | 2021 |
| A. M. Jabbar. (2015). [Autonomous navigation of mobile robot based on flood fill algorithm](https://www.iasj.net/iasj?func=article&aId=110677). Iraq Journal of Electrical and Electronic Engineering, 12(1), 79–84. | 2015 |
| A. M. Jabbar. (2015). [Design and Develop an Information system for Court Data in the Republic of Iraq by using SSRS Reports with SSAS Cubes](https://www.iasj.net/iasj?func=article&aId=102732). Iraq Journal of Electrical and Electronic Engineering, 11(1), 105–109. | 2015 |
| Al-behadili, H. N. K., Al-hijaj, A. A., & Jabbar, A. M. (2013). Design and developing online Iraqi bus reservation system using unified modeling language. International Journal of Scientific Knowledge, 3(1), 19–28. | 2013 |
| A. M. M. Habbal, S. Hassan, and A. M. Jabbar, “JDNA: JAVA BASED NS-2 ANALYZER,” Wulfenia J., vol. 19, no. 9, 2012 | 2012 |
| **Awards and Certificate of Appreciation** |
| **Certificate** |  **Date**  | **Issued by** |
| **Publication in Scoups** | **18-08-2021** | **Shatt Al-Arab University College** |
| **Promotion (Lecturer)** | **16-01-2019** | **Ministry of Higher Education and Scientific Research** |
| **Promotion****(Assistant Professor)** | **1-04-2022** | **Ministry of Higher Education and Scientific Research** |
| **IEEE ISCAIE2018** | **29-4-2018** | **Certificate of participation in EEE conference**  |
| **Exam committee** | **14-1-2016** | **Shatt Al-Arab University College** |
| **Efforts made in the committees of the scientific conference held between the Faculties of Administration and Economics - University of Basra and Shatt Al-Arab University College** | **16-4-2016** | **Shatt Al-Arab University College** |
| **Participation in the Scientific Care Forum** | **9-4-2013** | **Ministry of Youth and Sports** |
| **Efforts to serve the scientific process at Shatt Al-Arab University College** | **29-04-2013** | **Shatt Al-Arab University College** |
| **Participation in the development course** | **26-12-2012** | **Al-Basrah university** |
| **Exam committee** | **12-11-2012** | **Shatt Al-Arab University College** |
| **Participation in the second international conference on network applications and services** | **23-9-2010** | **University Uttara Malaysia** |
| **Participation in a seminar on networks** | **24-7-2010** | **University Uttara Malaysia** |
| **Participation in a workshop on wireless communication systems.** | **10-8-2009** | **University Uttara Malaysia** |
| **Teaching Experience** |
| **Subject**  | **Stage** |
| **Object Oriented Programming in C++** | **Second stage** |
| **Computational theory** | **Second stage** |
| **System Analysis and Design** | **Second stage** |
| **Object Oriented Programming in Java** | **Third stage** |
| **Logic** | **First stage** |
| **Web Development**  | **Forth** |