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**Academic Curriculum Vitae**



**Personal Information:**

Full Name: Sarah Behnam Aziz

Academic Title: Lecturer

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Mobile:

**Education:**

* Ph.D. in Computer Science, Basrah University, Basrah, Iraq, 2007.
* M.Sc. in Computer Science, Basrah University, Basrah, Iraq, 200.
* B.Sc. in Computer Science, Basrah University, Basrah, Iraq, 1997.
* Baccalaureate (Scientific Section), Al-Ma’ali Secondary School, Basrah, Iraq, 1993.

**Employment:**

* Lecture, Feb. 2007 – Nov. 2009, Basrah University, Basrah, Iraq.
* Lecture, Nov. 2009 – Present, Salahaddin University-Erbil, Erbil, Kurdistan Region, Iraq.

**Qualifications**

* Teaching Methods Courses

**Teaching experience:**

* 2021 – teaching Neural Networks & Fuzzy Logic, for Computer Diploma students in Computer Science Department, College of Science.
* 2010 – teaching Computer Science Applications, for Master students in College of Dentistry.
* Digital Logic Design, Soft Computing, Neural Networks, Fuzzy Logic, Genetic Algorithms, Image Processing, Visual Programming (VBasic), Programming (C++, Prolog), Matlab, Data Bases, Computer Architecture & Networking, Theory of Computation, Academic Debates, Computer Information Technology (Windows, Microsoft Word and PowerPoint), Information Theory, Data Structures, and Simulations.

**Research and publications**

* "[Comparative Study for Color Edge Detection Using Vector Value, YCbCr Color Space and Least Square Numerical Method](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:UeHWp8X0CEIC)", 2nd International Conference of Cihan University-Erbil on Communication Engineering and Computer Science (CIC-COCOS’17), March 29-30, 2017.
* "[NeuroFuzzy Network Schemes for Impulsive Noise Reduction in Digital Images](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:9yKSN-GCB0IC)", International Journal of Computer Applications, 2012.
* "[A Faster Training Algorithm and Genetic Algorithm to Recognize Some of Arabic Phonemes](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:zYLM7Y9cAGgC)", Journal of College of Education for Pure Science/Thi-Qar University, 2012.
* "[Thyroid Disease Diagnosis using Genetic Algorithm and Neural Network](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:u5HHmVD_uO8C)", Journal Qadisiyah Computer Science and Mathematics, 2011.
* "[Impulsive Noise Removal based on Neural Network Schemes](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:IjCSPb-OGe4C)", Basrah Journal for Engineering Science, 2010.
* "[Impulsive and Poisson noises removal Using Takagi NeuroFuzzy Network](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:u-x6o8ySG0sC)", Scientific Journal of King Faisal University (Basic and Applied Sciences), 2010.
* "[Improved Smoothing Filters Effects using Mamdani NeuroFuzzy Network](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c6r6dKQAAAAJ&citation_for_view=c6r6dKQAAAAJ:2osOgNQ5qMEC)", Arab Gulf Journal of Scientific Research, 2009.

**Conferences and courses attended**

* 3rd International Conference of Mathematics and its Applications (TICMA-2022), August 29-31, 2022
* 2nd International Conference of Mathematics (SICME 2019), February 3-5, 2019.
* 2nd International Conference of Cihan University-Erbil on Communication Engineering and Computer Science (CIC-COCOS’17), March 29-30, 2017.

**Professional Social Network Accounts:**

* Google Scholar: <https://scholar.google.com/citations?hl=en&user=c6r6dKQAAAAJ>
* ReserchGate: <https://www.researchgate.net/profile/Sarah-Aziz>
* LinkedIn: <https://www.linkedin.com/in/dr-sarah-behnam-321759121/>
* ORCID: <https://orcid.org/0009-0003-6980-3880>