Hiba Ghassan Fareed

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Education

May, 2018	**Ph.D. in Mathematics.**
	Missouri University of science and technology.
July, 2002	**Master of Science in Mathematics and Computer Applications.**
	Al-Nahrain University - College of science.
July, 2000	**B.Sc in Mathematics and Computer Applications.**
	Al-Nahrain University - College of science

Experience

Baghdad, Iraq
20/12/2005 up to now

Assistant teacher
- Ministry of Higher Education and Scientific Research – Almustansiriya University – Collage of Science – Mathematics Department.

Baghdad, Iraq
3/7/2003 up to 11/12/2005

Programmer - Iraqi Ministry of Industry and Mineral - State Company for Constructional Industries
- Website developer.
- Computers and network maintenance.
- Trainer - internet courses.

Baghdad, Iraq

Lecturer in Iraqi Universities
- Technical College - Baghdad.
- Al - Rafidain University College.
- Al Noor technical institute.

Technical Skills

Languages	Visual Basic , Matlab, Pascal, LaTeX.
Software	Front Page (Version XP & 2003), Auto CAD (Version 14, 2000), Office (2003, 2007 and 2010), Photo Shop (Version 5 & 6), Flash (Version 5 & 7), PSAT,
Operating systems	Linux (Ubuntu, Arch, Embedded, Red Hat), Windows (7, Vista, XP, 8 and 10).
Others	Web site designer, Install and maintenance computer networks.

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Publications

Published	Fareed, Hiba, John R. Singler, Yangwen Zhang, and Jiguang Shen. "Incremental proper orthogonal decomposition for PDE simulation data." Computers & Mathematics with Applications75, no. 6 (2018): 1942-1960.
Published	Fareed, Hiba, and John R. Singler. "Incremental proper orthogonal decomposition for PDE simulation data: Algorithms and analysis" arXiv preprint arXiv:1803.06313 (2018).
Published	Fareed, Hiba, and Ahmed, Alaudin N. "Stability of Volterra Integro – Differential Equations" College of Education magazine – Al-Mustansiriya University (2002).
Published	Fareed, Hiba, and Ahmed, Alaudin N. "On Stability of Volterra Integro Differential Equation" College of Education magazine – Al-Rafidain College University (2002).
Published	Fareed, Hiba, and Ahmed, Alaudin N. "Stability of Homogenous Volterra Integro – Differential Equations" in Proceedings of the 7th scientific conference of Al-Rafidain College University (2001).

Courses Training

22\6\2007 up to 8\7\2006	**Course of teaching methods - Al-Mustansiriya University - Education College**
2010	IC3 2005 - **Al-Mustansiriya University**
	• Standard Computing Fundamental
	• Standard Living Online
	• Standard Key Application
Fall 2011 up to Summer 2012	**Applied English Institute - Intensive English program - USA**
	• Level 1
	• Level 2
	• Level 3

Membership

2015 - up to this date	• Member of SIAM - Society for Industrial and Applied Mathematics.