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Personal Information:

Name : Assist.Prof. Dr. Jamal Mustafa Abbas
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Nationality : Iraqi
Spoken languages : Fluent in Arabic & English
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Education:

2008 - 2013 :Doctor of Philosophy in Computer Science,
School of Computer Science, Newcastle
University, UK
2001- 2003 :Master Degree (M. Sc) in Computer
Science, University of Technology,
Baghdad, Iraq
1977 - 1981 :Bachelor Degree (B. Sc) in Mathematics
Science, College Science, Salahaddin
University, Iraq.

Thesis title:

1. PhD Thesis “Generic Business Process Modelling Framework for Quantitative Evaluation”
2. M.Sc Thesis “Overcoming The Effect of JPEG Compression on Steganograohy”

Work Experience:

Practical experience for more than 25 years in computer sciences field including the following:

1987 - 1989	Programmer in the Iraqi National Center for Computers, Baghdad, Iraq.
1989 – 1991	Chief programmer (Head of department) in the Iraqi National Center for Computers – Baghdad,
1991-1995	Head of the department of programming in the Iraqi National Center for Computers – Baghdad – Iraq
1995 – 2001	Manager of Computer Center (Programming and analysis) in the Iraqi National Center for Computers – Baghdad – Iraq .
2003 – 2008	Registrar and Assistant lecturer, Computer Sciences Department, College of Sciences, Diyala University, Baquba, Iraq
2013 - 2017	Lecturer Dr., Computer Sciences Department, College of Sciences, Diyala University, Baquba, Iraq.
2017 - till now	Assist Prof.Dr. Computer Sciences Department, College of Sciences, Diyala University, Baquba, Iraq.

The subjects have been teaching:

1. Structured programming (C++)
2. Object Oriented programming Languages OOP (Java, Visual Basic)
3. Operating system
4. Computer architecture and organization
5. Data Base
6. Computer applications
7. Discrete structures
8. Internet and inerrant

Main Training Courses:

1. Various courses in Programming Languages (Assembly Language, Cobol, Fortran, Basic, Data Base, FoxPro, Pascal,

- Delphi, MATLAB, C & C++, Visual Basic) (1987- 2001)
- 2. Basic course of system analysis (Three months – 1991)
- 3. Course in computer project management (One month – 1991)
- 4. Course in computer maintenance (One month – 1997)
- 5. Advance course in operating system (One month – 1999)
- 6. Course in computer center management (One month – 1999)
- 7. Qualifying post graduate course in computer science, College of engineering, Baghdad, Iraq (Six months- 2000)

Conferences and workshop:

- 1. 2008 – 2012 Participate in more than 30 conferences and workshops in various subjects in the UK Universities.
- 2. 2010 The 26th UK Performance Engineering Workshop, Warwick University UK

Published Research:

- 1. “Overcoming the effect of JPEG compression on steganography”, Journal of Al-Rafidain University College for Sciences (Special Issue) First Workshop on Information Hiding Technologies, Baghdad, May 15, 2004.
- 2. “. An Equivalent Distribution of Erlang distribution”, Diyala Journal for Applied Researches, Vol.2, No.1, 2005.
- 3. “Double Layer Audio Hiding”, Journal of Diyala Scientific Issue, No.22, 2006.
- 4. “Automated Generic weak point analysis of Business Process”, proceedings of the 26th UK Performance Engineering Workshop, UK, 2010.
- 5. “Generic Business Process Model for Quantitative Evaluation}, Poster Session at The Newcastle Connection 2012, UK, 2012.

6. "Multi-Cipher Technique based on RNA and Chebyshev Map", Iraqi Journal of Information Technology, Vol.7th No.1st 2015
7. "Image Steganography between Firefly and PSO Algorithms", International Journal of Computer Science and Information Security. USA, February 2017 Volume 15 No. 2
8. "Image Encryption Based on Fractal Geometry and Chaotic Map", Diyala Journal for Pure Science, 21Jun 2017
9. "Face Image Recognition Based on Linear Discernment Analysis and Cuckoo Search Optimization with SVM" International Journal of Computer Science and Information Security, USA, November 2017 Volume 15 No. 11
10. "Performance Evaluation of Face Image Recognition Based Voila–Joins with SVM". Iraqi journal of information technology.2018 .

Additional information: Supervisor of 6 M.Sc. Students

Membership:

1. Iraqi Computers League, Iraq.
2. Iraqi Teachers Society, Iraq.
3. Association of University Lecturers, Iraq.