

## Curriculum Vitae

Name Waleed .A. Mohamad Ali Rasheed

### Personal Details

Date & Place of Birth 7 Dec. 1960 Basrah, Iraq.  
Marital Status Married  
Nationality Iraqi,

Email: [wali20012001@yahoo.com](mailto:wali20012001@yahoo.com) , [rasheed\\_wal@ipu.edu.jo](mailto:rasheed_wal@ipu.edu.jo)

### Qualifications:

Specialization **Brain Modeling and Neural Networks**

Professional Associate Professor..... 1997

Language Arabic & English

### Education

- 1996 Ph.D. Computer Science  
University of Basrah,Iraq  
Thesis Entitled " A Medium Scale Based Brain Model With Pattern Recognition Implementation"
- 1988 M.Sc. Electrical Engineering(Computer Systems)  
University of Basrah,Iraq  
Thesis Entitled " Design of Microprocessor Controller for Measurement and Analysis of Armature Controlled DC Motor"
- 1982 B.Sc. Electrical Engineering/Computer Systems.  
University of Basrah,Iraq

### Professional Experience

- 2011- Now Independent Researcher. English Language Student. Canada.
- 2008 - 2011 Associate Prof., Al Isra University, Faculty of Information Technology, Amman, Jordan
- 2006-2007 Full time Lecturer, Irbid National University, College of Science and Information Technology , Irbid, Jordan.
- 2005-2006 Full time Lecturer, Al Hussain Bin Talal, College of Computer Engg and IT.
- 2001-2005 Associate Prof.,  
Faculty of Information Technology, Philadelphia University, Jordan.
- 1997-2001 Associate Prof., Director of Computer Center & Lecturer in Computer Science Dept., University of Basrah, Iraq
- 1988-1997 Assistant Prof, and Lecturer, Dept. of Computer Sc., University of Basrah, Iraq

### Taught Courses:

- ◆ Ph.D. level Image Processing and Neural Networks
- ◆ M.Sc. level Neural Networks and Control.
- ◆ B.Sc. level Logic Design , Computer Technology, Microprocessor System, Computer Architecture , Assembly Language, Robotics, Software Engineering, Operating Systems, Computation Theory, Operation Researches, Numerical Analysis, Modeling & Simulation, Data transmission through computer networks. Introduction to programming, Real Time Systems, Knowledge Management. Artificial Intelligence, Algorithm Analysis and Design. Introduction to machine learning and Neural Networks, Multi-

**publications**

**Papers:**

1. "Computer Aided Testing of A DC motor ",with R. Nagarajan, Computer Aided Engineering Journal, IEE, June, UK, 1990
2. "General Purpose Cartridge Interface for All Warkaa microcomputer", with A.Ali, and A.F.Marhoon, Basrah J. Science, Iraq, Vol:12, No:2, pp:201- 210,1994.
3. "Microcomputer Based Panel Control for DC net ", Basrah J. Science, Iraq, Vol:12, 1994.
4. "Integrity Concept in Brain Modeling and Association Modes of Memory", with S.A.All & D.H.Jerew, Computer Research Journal, Amman, Jordan, Vol:0,1996.
5. "Brain & Human Conduct Modeling in Pattern Recognition Ability", with S.A.Ali, Proceedings of Current Trends in computer and Information Systems Conference, Jordan, pp: 108-184, 1996.
6. "Microcomputer Based Data Acquisition System for Lazer Beam Pattern Analysis", with A.F.Marhoon & H.L.Sadoon, Basrah J. Science, Iraq, Vol:15, 1996.
7. "Infra Red Remote PC Keyboard", Proceedings of the Fifth International Iraqi Symposium of Computer , Iraq, 1997.
8. "A Proposed Technique for Tracing the Effect of Software Programs Towards Certain Targets", with A.A.Jabbar and Anwar.Y, proceedings of RDCSA '97 Philadelphia University. Amman, Jordan, 8-9 July 1997.
9. "Partial Protective Tool for Virus Activities",with J.R.Mahmood and R.A.Abbas, RDCSA '97 Philadelphia University. Amman, Jordan, 8-9 July 1997 .
10. "Computer Aided Testing in Photo Spectro Analysis". with A.F.Marhoon and H.L.Sadoon, Basrah J. Science, Iraq, Vol. 18, No.1,121-128,2000.
11. "Neural Network Based Mathcoprocessor"with M.S.Rababaa and J.H.Yousif, proceedings of ACIT'2001, Jordan, No. 131-138, 2001.
12. "Connection-Field Behavior of Brain Modeling and Human Intelligence Powers" proceedings of ACIT'2002, Qatar, No. 733-740, 2002
13. "Op-Amp Structures of Fixed Weight Applications of BP Neural Network " with Hisham M. and Haissam El Aawar, proceedings of TCSET'2004, Ukraine, 2004, pp:70-75.
14. "Instinctive Features of Neural Networks and Pattern Recognition Primitives", with Z.N.Namar and Haissam El aawar, Proceedings of TCSET'2004, Ukraine, 2004, pp:225-229.
15. "Generalization Aspect of Neural Networks on Upgrading Assimilation Structure into Accommodating Scheme", with Hamza A.Ali., Journal of Computer Science 5 (3): 177-183, Science Publications, 2009, USA.
16. Publisher Identifier Scheme for Printed Documents using Neural Networks, Journal of Applied Sciences 9 (18): 3317-3325,2009, ISSN 1812-5654.
- 17- Cooperative Neural Network Generalization Model Incorporating Classification and Association, European Journal of Scientific Research, ISSN 1450-216X Vol.36 No.4 (2009), pp 639-648.
18. Haleh Karkhaneh, Tahereh Sadeghpour, Raed Abd-Alhameed, Mark B.Child, Ayaz Ghorbani, W.Rasheed, E .A. Elkhazmi, Improvements in Multicarrier Modulation Systems using a Wavelet OFDM Scheme, 6th International ICST Conference on Mobile Multimedia Communications,

EERT-1, Lisbon, Portugal 6-8 September 2010, Paper No. 1, pp. 1-8, ISBN: 978-963-9799-98-1

19. S.M.R. Jones, K.G. Samarah, Y.A. Dama, R A Abd-Alhameed and W. Rasheed, E .A. Elkhazmi, Assessing variability in the wideband mobile radio channel, 6th International ICST Conference on Mobile Multimedia Communications, EERT-2, Lisbon, Portugal 6-8 September 2010, Paper No. 2, pp. 1-8, ISBN: 978-963-9799-98-1.

20. Dynamic Threshold Adjustment Approach of Neural Network in Pattern Recognition Application , Hamza Al Sewadi and Waleed Rasheed, 2011 ICCSSE 2011 : \"International Conference on Computer Science and Software Engineering\" journal WASET.

21. Parametric Watermarking Based Ownership Judgment\", Rasheed Waleed and Ali Hamza A., The 13th International Arab Conference on Information Technology ACIT'2012 Dec.10-13

### Newspaper Critiques

1. Al Ghad newspaper, issue 505 , Tuesday 20/January 2005, page24

2. Shabab wa Jameaat, issues 156+157 , Thursday 13/9/2007,Issues, 149-150,Monday 28/5/2007, pp:49 and issues 176+177, Thursday, 26/6/2008. Rasheed Waleed and

### Attended Conferences

1. ISMM International Symposium Mini & Microcomputers & their Applications. June, 19-21, 1990 Lugano, Switzerland.

2. 19th International Conference on Computer & Industrial Engineering , March, 7-9,1994, August, Ashikaga, Japan,

3. IASTED International Symposium, Artificial Intelligence, Expert Systems and Neural Networks, July, 4-6, Zurich, Switzerland.

4. Current Trends in Computer Science & Information Systems Conference, July, 9-10, 1996, Amman, Jordan.

5. The Second Computer Conference on Computer Science Applications, 8-9, JULY, 1997, JORDAN.

6. ACIT 2001 International Arab Conference on Information Technology, December, 2001,Irbid, Jordan.

7. ACIT 2001 International Arab Conference on Information Technology, December, 2002,Qatar.

8. TCSET'2004 Modern Problems of Radio Engineering, Telecommunications and Computer Science, 2004, Ukraine.

9. MobiMedia 2010 : 6th International Mobile MultiMedia Communications Conference, EERT 2010 – 1st International Workshop on Energy Efficient and Reconfigurable Transceivers, Lisbon , Portugal

10. 2011 ICCSSE 2011 : \"International Conference on Computer Science and Software Engineering\", Venice, Italy. 27-29 April,2011.

11. The 13th International Arab Conference on Information Technology ACIT'2012, Amman, Jordan, 10-13 Dec., 2012.

### Organization Membership

- Iraqi Computer Organization, Iraq, since 1993.

- Iraqi Engineering Organization, Iraq, since 1983.

- The International Association of Science and Technology for Development (IASTED), Canada, in 1995.

**Supervision:**

**M.Sc. Theses**

- 1. Instinctive Features of Neural Network & Pattern Recognition Primitives, Al Basrah University /Iraq , Zainab Najim**
- 2. Neural Network Based Semi-Controlled Converter Firing System, Al Basrah University /Iraq , Salman**
- 3. Back Propagation Neural Network Implementation in Designing Firing Circuit for Semi-Controlled Converter ,Al Basrah University /Iraq , Hisham Salim AL-Mawsoof , Nov.2000**
- 4. A Real Time Universal Character Recognizer [UCR], Al Basrah University /Iraq , Mohammad Jassim A. AL-Amiry.**
- 5. Neural Network Generalization in Specifying Input Patterns.**
- 6. Hybrid Data Based Management for Library Organization System ,Al Basrah University /Iraq , Suham**
- 7. Brain Based Latin Character Recognizer, Al Basrah University /Iraq , Sahera Aubaid**
- 8. Utilizing Genetic Algorithms to select suitable patterns for BP Neural Network Training. Huda Abd Al Raheem, Basrah University, Iraq. 2001.**
- 9. Improving A Freeman Chain Based Arabic Recognition System ,Al Basrah University /Iraq , Fatin Hussain Abdullah , April 2000.**
- 10. Feed Forward Generalization Scaling and Performance Enhancement of Neural Networks. Aal Al Bait University/Ismael Abu Mahfoodh, Jordan.2005.**
- 11- Variant Mode of Neural Networks Layer Bias to Enhance Neural Network Generalization Ability. Aal Al Bait University/ Fat hi Al Momani, Jordan 2009.**
- 12. Image Association based copyright Model using Neural Networks ,Eqab Al Barhoom, Aal Al Bait University( Current Supervision)**

**Other activities:**

**Assessment of Academic staff Qualification**

**High education council, Syria, issue no: 672 date:14th /9/2004.  
Qualification Community, session no: 4, date 26, Feb., 2004, Decision no: 205.**

**Maintenance Experience**

**Two obligations were contracted with Hartha power station (3 years) and Basrah Sheraton Hotel (1 year) for the maintenance of computer Novel networks and their workstations.(1997-2001.**