

أ.م. ناصر أحمد العواد  
رئيس قسم هندسة الحاسوب

## Curriculum Vitae

م.م. بدر جمانة عبيد

# Muaayed Farhan Abdul-Hameed

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### PERSONAL SUMMARY:

- Academic staff in Computer Engineering Department.
- Languages: Arabic/English.
- Scientific title: Asst. Lecturer.

### EDUCATION:

- M.Sc.: Communications and Electronics- Feb. 2000- Jordan University of Science and Technology, Irbid, Jordan.
- B.Sc.: Electrical and Nuclear Engineering - June 1992- Baghdad University, Baghdad, Iraq.

### ACADEMIC HONORS AND AWARDS:

- (2) Acknowledgments from Al-Mutansiriyah University President.
- (3) Acknowledgments from Dean of College of Engineering.

### ACADEMIC /TEACHING EXPERIENCE:

- Feb. 2010 till Now Academic staff member in Faculty of Engineering , Al-Mustansiriyah University.
- Sept. 2000 - June 2010 Academic staff member in Faculty of Engineering, Sana'a University.

### COURSES TAUGHT:

Undergraduate	Graduate
1. Design of Digital Systems	1- OOP with C++
2. Simulation and Modeling	2- Advanced Database Systems
3. Programming with C++	3- Systems Programming
4. Database Systems	4- Advanced Data Structures & Algorithms
5. Microprocessors	

### PUBLICATIONS:

1. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Detection Processes for Mitigating Inter-symbol Interference", International Proceedings of Computer Science and Information Technology, Vol.19, PP. 125-129, 2011, (Singapore) Available: <http://www.ipcsit.com>.
2. Muhanned Abdul-Hameed and Mua'ayed F. Al-Rawi, "Modified QAM Modem for Data Transmission at 9.6 Kb/s Over ADPCM Link", International Proceedings of Computer Science and Information Technology, Vol.19, PP.137-140, Nov., 2011, (Singapore). Available: <http://www.ipcsit.com>.

3. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Performance of Asynchronous Tandem Standard 32 Kb/s ADPCM Systems Using QAM Signal", International Proceedings of Computer Science and Information Technology, Vol.8350, PP.166-168, Nov., 2011.
6. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Data Transmission at 12kb/s Over 32 kb/s ADPCM", International Journal of Information and Electronics Engineering (IJIEE), Vol.2, No.3, PP.293-295 2012, (IACSIT) (Singapore) Available: <http://www.ijiee.org/vol2no3.html>.
7. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Data Transmission at 16.8kb/s Over 32kb/s ADPCM Channel", IOSR Journal of Engineering, Vol.2, Issue 6, PP.1529-1533, 2012. Published by International Organization of Scientific Research (IOSR) (India). Available: [www.iosrjen.org](http://www.iosrjen.org)
8. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Equalized Near Maximum Likelihood Detector", Radio Electronics and Communications Systems, Vol. 55 No. 12, PP.568-571, 2012, published by Springer (Germany).
9. Muhanned F. Al-Rawi and Mua'ayed F. Al-Rawi, "Comparative Study of ADPCM Algorithms", accepted by Journal of Telecommunication, Electronic, and Computer Engineering, published by University Technology Malaysia (UTM), 2012.

### **PROFESSIONAL DEVELOPMENT**

- TOEFL test for English Language.
- IC3 Certificate.
- International Conference for Engineering Skills 1, by Eng. Association, Iraq Baghdad. 2015.
- International Conference for the activity of the engineer in the clean Energy 2, by Engineers Association, Iraq Baghdad. 2016.