

CURRICULUM VIATE (CV)

FAMILY NAME: MOHAMMED
OTHER NAMES: THABIT SULTAN
PLACE OF BIRTH: IRAQ.
DATE OF BIRTH: 23-03-1961
NATIONALITY: IRAQI
STATUS: MARRIED, 5 CHILDREN
LANGUAGES SPOKEN: ARABIC & ENGLISH
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SPECIALIZATION

- (a): Major:** Computing Systems
(b): Minor: Software Engineering
Information Technology
System Analysis and Design
Fault Tolerance Computing
Logic Design.
Microprocessor Engineering.

QUALIFICATIONS

- (a): Ph.D.** (Computing Systems), 1992, *Cranfield University*, ENGLAND.
(b): M.Sc. (Computing Systems), 1989, *Cranfield University*, ENGLAND.
(c): B. Sc. (Electrical & Electronic Engineering), 1983, *University Technology*, Baghdad, IRAQ.

PROFESSIONAL AFFILIATIONS

(a): Member: The Union of Iraqi Engineers.

(b): Member: The Iraqi Society for Computer Science.

PROFESSIONAL EXPERIENCE

(a): Lecturer and/or supervisor at the following universities:

	University/Dept.	Period
1	Almamoon university college , Computer science Dept.	1994-1998
2	University of Technology (UOT) , Control and computer Dept.	1995-2003
3	Almustansirayh university , College of Engineering, Computer and software Dept.	1998- 2004
4	Kirkuk University , College of Science, Computer Science Dept.	2002- 2003
5	University of Technology (UOT) , Computer Eng. And Information Technology Dept.	2001- 2004
6	Al-Zytoonah University of Jordan , Faculty of Science and Information Technology, Computer Information System Dept.	2004 – 2005
7	Al-Zytoonah University of Jordan , Faculty of Science and Information Technology, Software Engineering Dept.	2005 – 2006
8	Al-Zytoonah University of Jordan , Faculty of Science and Information Technology, Software Engineering Dept.	2006 – 2007
9	Salalah College of Technology- Oman Dept. of Information Technology	2007-2009

(b): Working as a researcher then senior researcher in developing a number of projects, where software and computer controlled based systems is the major part. Real and non-real time software was developed. For the period (1992-2002).

(c) : External Examiners for (4) Ph.D thesis and (2) M.Sc thesis.

(d) : Reviewer of three international IT and Engineering conferences.

(e): Head of Information Technology Section at Salalah College of Technology, Sultanate of Oman.

(f): Convener and head of organizing committee of the scientific symposium “Effective teaching practices in Higher Educational Institutes”, Salalah College of Technology, Oman, 19 May 2009.

SUBJECTS TAUGHT

(a): Postgraduate Courses:

Course	University	Year
Data Compression.	University of Technology- Baghdad	2002
Error Control Coding.	University of Technology- Baghdad	2001
Software Engineering.	University of Technology- Baghdad	2000
Software Engineering.	Almustansirayh- Baghdad	2001

(b): Undergraduate Courses:

Course	University	Year
Logic Circuit Design	University of Technology	2002
Software Engineering.	Almamoon	1994 – 1998
Microprocessor Programming and Interfacing	Almustansirayh	1997 – 1998
Information Technology	University of Technology	2002 – 2004
Discrete mathematics.	Almustansirah	2003 – 2004
Computer Networks.	Almamoon	1995
Discrete mathematics	Kirkuk	2001 -2003
System analysis and Design	Kirkuk	2001 – 2003
System analysis and Design	Al-Zytoonah University	2004 – 2005
Operational Research	Al-Zytoonah University	2004 – 2006
Multimedia systems	Al-Zytoonah University	2004 – 2007
Software Engineering	Al-Zytoonah University	2004 – 2007
Software Engineering	Salalah College of Technology	2007 – 2008
Principles of Data Telecommunication	Salalah College of Technology – Oman	2007 – 2009
Logic Design	Salalah College of Technology – Oman	2007 – 2008
Computer Design and Architecture	Salalah College of Technology – Oman	2008 – 2009
Research Methodology in IT	Salalah College of Technology – Oman	2008 – 2009

PUBLICATIONS

(a): THESIS:

1- ‘Application of *t-EC/AUED* codes on digital computers’, M.Sc. Thesis, Cranfield University, ENGLAND.

2- ‘System level fault diagnosis of distributed systems: Analysis, Simulation and performance measurement’, Ph. D Thesis, Cranfield University, ENGLAND.

(b): PAPERS :

1- Muzhir Shaban Al-Ani, **Thabit Sultan Mohammed**, and Karim M. Aljebory “**Speaker Identification: A Hybrid Approach Using Neural Networks and Wavelet Transform**”, Science publications, Journal of Computer Science, 3 (5): 404-409, 2007.

2- **Thabit Sultan Mohammed**, Essa Ibrahim Essa, “**Solving Nonlinear Continuous Constrained Optimization Problems Using Neural Networks**”. Proc. of ICIT07, Al-Zaytoonah University Int. Conf. (9-11), May, 2007. Amman, Jordan.

3- **Thabit Sultan Mohammed**, “**Performance Improvement and Deadlock Prevention for a Distributed Fault Diagnosis Algorithm**”, Journal of Computer Science, 3 (2): 107-112, 2007.

4- **Thabit Sultan Mohammed**, and Hayam K. Mustafa, “**Evaluating the Effect of Inheritance on the Characteristics of Object Oriented Programs**”, Journal of Computer Science, 2 (12): 872-876, 2006.

5- **Thabit Sultan Mohammed**, “*Construction techniques of t-EC/AUED codes*”. مجلة الهندسة والتنمية، الجامعة المستنصرية-كلية الهندسة- العدد الرابع /المجلد السادس – تشرين الأول . 2002

6- د.ستار بدر سدخان ، و د. ثابت سلطان محمد، “المعالم الأساسية في تصميم شبكات الاتصالات- 6- التعبوية” ، المؤتمر العلمي الخامس – جامعة بابل – العراق، 25-27/4/1999.

7- “A proposed Graph network directed for both Communication and Diagnosis in distributed systems” Proceeding of ICMCS 2009, 5-6 January 2009, Loyola College, Chennai, India.

8- **Dr. Thabit Sultan Mohammed** and Mohammed Atheeq “**Evaluating the Importance of communication between teachers and Students towards improvement of overall output of Students**”, 2nd Symposium on Best teaching and Training Practices in Colleges of Technology, 8-9 March 2009- Nizwa College of Technology- Sultanate of Oman.

LIST OF REFEREES

- **Dr. Karim M. Ahmed Al-jebory**, College of Engineering, Al-Israa University, P.O. Box 22,23, Amman 11622, Jordan. Email: k_aljebory@yahoo.com.
- **Dr. Ossama K. Musleh**, Faculty of Science and IT, Al-Zaytoonah University, P.O. Box 130, Amman 11733, Jordan, email: ossamee@yahoo.com.
- **Dr. Muzhir Sh Al-Ani**, Amman Arab University, P.O. Box 2234, Amman-11953, Jordan, e-mail: muzhir_shaban@yahoo.com.