

CURRICULUM VITAE

PERSONAL DETAILS:

Name : Adel Yehia Ezzat Atta

Title :Dr.

Sex : Male

Religion : Moslem

Permanent Address: - 1 Answar street, Dokki, Cairo, Egypt.

Telephone: Mobile 01001571866

Email: adelyehiaezzat@gmail.com

ACADEMIC QUALIFICATIONS:

1. B.Sc., electronics & communications , Faculty of Engineering, Cairo University,1976
2. M.Sc., electronics & communications , Faculty of Engineering, Cairo university, 1983
" Microprocessor-based data acquisition system "
3. Ph.D. , electronics & communications , Faculty of Engineering, Cairo university, 1990
"Image denoising in soft computing framework"

EXPERIENCE :

Period : From September 1978 to July 1989

Organization: Electronics & communications dept. ,Faculty of Technology, Helwan University , Cairo, Egypt.

Job title :teaching assistant and then lecturer (starting from 1983)

Job Description : Help teaching of the following courses:

- Basic electricity & electrical and electronic measurements
- Control systems
- Microprocessor based-systems design and applications
- Power & Industrial electronics
- Analog/digital electronics
- Analog/digital communications

Period : From October 1989 to September 2000

Organization: Jeddah College of Electronics Technology(Jeddah Telecom College), Jeddah, K.S.A.

Job title : Trainer

Job Description :

- Teaching of the following courses :

- Basic Electricity & Measurements
- PLCs (Siemens)
- Microprocessor based-systems design and applications
- Power & Industrial electronics
- Analog/digital electronics
- Computer networks & security
- Analog/digital communications
- Projects supervision
- Curriculum courses preparation : logic circuits & Microprocessors.

- Training Courses : Basic Electricity – Electronics – Communications – Exchanges – Microwave stations - Computer programming and networking
- Developing training courses programs (trainers-trainees) in cooperation with GIZ: Basic Electricity & Measurements– power electronics - Logic Circuits- microprocessors – PLCs.
- Developing Labs (Electronics- electricity –computer networks-microprocessor).

Organization: GULF consultancy Group (a private company located in Jeddah)

Job title : ICT consultant (part time)

Job description : managing numerous large scale IT projects :

- a- Booking module for Saudi Airlines in 1991.
- b- POS (point of sale) application for Elhalawany Group in 1993.
- c- Library application for King Abdel Aziz University in 1997.

Period : From October 2000 till October 2003

Organization : King Abdulaziz Military College , Riyadh, K.S.A

Job title : Lecturer

Job Description :

- Teaching the following courses :
 - Mathematics
 - Computer networks & security
 - Projects supervision
- Curriculum courses preparation : computer networks & security.

Organization: GULF consultancy Group (Riyadh branch)

Job title : ICT consultant (part time)

Job description : managing numerous large scale IT projects :

- a- Hajj passengers acquisition module for ministry of Hajj in 2001.
- b- King Saud students database

Period : From October 2003 till August 2010

1- Organization : Cairo University , Faculty of Engineering (part time)

**A-Teaching the following courses at Communication Dept. (Undergraduates) :
Microprocessors – Microcontrollers – Industrial Electronics – Signals & Systems**

**B-Teaching the following courses at Communication Dept. (Postgraduate) :
Digital Image Processing – Fuzzy Logic- Neural networks**

2- Organization: Ministry of Communication and Information Technology(MCIT) and ministry of state for administrative development(MSAD) , Cairo, Egypt.

Job title : e_Gov consultant

Job description: Consultancy and projects management for e-services:

- a- Electricity services for north delta electricity distribution company.
- b- Students dorms service module for students of Helwan University.
- c- Sales and income Taxation services.
- d- Trains e_booking service for Egypt railway authority.

- e- Mobile banking
- f- On line electricity bills payment

Period : From October 2010 till 2020

1- Organization: Electronic University , Riyadh, K.S.A.

-Teaching the following courses at Communication & Mechatronics Depts. :

Microprocessors – Microcontrollers – Industrial Electronics – Signals & Systems- Digital Signal processing – Mobile Communication - Modern Communication Techniques in Communication – Computer networks & security- Computer networks – Data communication

Period : From October March 2021 till present

Organization : NUB , faculty of computer science, Egypt

Job Description :

1. Strategic Planning of society services
2. Teaching staff
3. Quality team member

PROJECT MANAGEMENT RESPONSIBILITIES

- Identifying the business requirements (AS- IS)
- Issuing RFI , RFQ, and RFPs for bidders
- Evaluating bidders technically and financially
- Following up the life cycle of projects progress and time line
- Testing the quality of deliverables and how far they meet the requirements
- Resolving many issues with government partners to facilitate the implementation of the projects with vendors.
- Monitoring the operation of the deliverables and their upgrade and enhancement.
- Reviewing and issuing service support contracts with vendors to sustain the deliverables.
- Issuing license agreement with multinational vendors
- Delivering seminars in recent technologies (for example Arduino microcontrollers , transformerless solar inverters , digital signature, , adaptive encryption, data mining, .. etc) .

COMPUTER SKILLS

All my work is computer based in the following areas :

1. Operating systems : Dos, Unix, Windows 9X , Windows XP, Windows 7
2. Computer Languages: Assembly, Pascal, C/C++, Visual Basic, Visual C++, and C#
3. Graphics: Corel draw, Visio, freehand, Math lab, Softimage, and ACAD.
4. Computer Networks: Novell, Windows NT and Windows server 2000,2003

SCIENTIFIC ORGANIZATIONS SUBSCRIPTION:

IEEE Trans. On Image Processing

IEEE Trans. On Neural Networks

IEEE Trans. On Fuzzy Logic

IEEE Trans. On control

IEEE Trans. On intelligent systems

SEMINARS DELIVED:

1. Microprocessor based P.I.D controllers
Faculty of Eng. , Cairo Univ. ,1983
2. An expert system shell for testing logic circuits
Faculty of Eng. , Cairo Univ. ,1993
3. Neural networks : concepts and applications
Jeddah Telecom. College, Jeddah, 1995
4. E_government : challenges and future, Kuwait, 2004
5. Convergence networks and IPV6 trends and assessment, Cairo University, 2005
6. Embedded systems from theory to applications , Cairo University . 2009
7. Microcontrollers applications in industry , Cairo University , 2010

RESEARCH FIELD:

1. "P.I.D controllers using R6502 and Intel 8080 microprocessors"
Systems and Radio Engineering Conf., Cairo, 1981
2. "A nuclear data acquisition system using z80 microprocessor"
Faculty of Eng. , Cairo Univ. , 1982
3. "Microprocessor based data acquisition systems"
M. Sc. Thesis , Faculty of Eng. , Cairo Univ. , 1983

4. "Fully adaptive high pass filters and adaptive Laplacian operator using TDLMS algorithm"
Fourth Saudi Conf. , 1995 , Faculty of Eng. , King Abdullaziz Univ. Jeddah
5. "Restoring FSK signals using GALR algorithm and FFN "
Journal of Modern Optics, England, 1998.
6. "Image denoising in soft computing framework "
Faculty of Eng. , Cairo Univ., 2004.
7. " Thin Lines filtering" , ISIMP & IEEE signal processing Conf. on multimedia, 2004.
8. E_government : challenges and future, Kuwait, 2004
9. Convergence networks and IPV6 trends and assessment, Cairo University, 2005
10. An expert system shell for testing logic circuits
Faculty of Eng. , Cairo Univ. ,2005.
10. Neural networks : concepts and applications
Faculty of Engineering, Cairo University , 2006
11. "Line to Robot fuzzy vision algorithm " , March 2008 , Faculty of Engineering , Cairo University.
12. "Microcontroller – based robot arm " , June 2009, Faculty of Eng. , Cairo University.
- 13 . " LTE physical layer implementation " , September 2010, Faculty of Eng. , Cairo University.
14. " FTTH video transmitter/receiver" , December 2011, Faculty of Eng. , King Saud , Elect. Conference, Riyadh, K.S.A.
15. " Arduino-based off- grid solar system" , September 2013, Faculty of Eng. , Cairo University.
16. " Arduino-based on- grid solar system" , March 2014, Int. Conference on Power Electronics, IEEE, Amman,. Jordan.
17. " Arduino-based solar system monitored by GSM Network", August 2015, Faculty of Eng. , Cairo University.

REFERENCES:

1. Prof. Dr. Moustafa Sadek Metwally, Electronics & Communication Dept., Faculty of Eng., Cairo University.
2. Prof. Dr. Ahmed M. Darwish, Computer Eng. Dept. , Faculty of Eng., Cairo University.