Curriculum Vitae

Name: Mona Hamdy Eltelaiti
Date of Birth: 15/11/1971
Phone: (203)-4868606
Cell phone: (002) 0101673271
Email: mona@technoenergy-eg.com
Citizenship: Egyptian
Languages: Arabic, English, French.
Marital Status: married with 2 children

Education:

M.Sc. Dept. of Electrical Engineering, Faculty of Engineering, Alexandria University, Egypt, 1998. Thesis entitled "Applications of Microchip microcontroller in design of testing and control circuits "

B.Sc. Communication Section. Dept. of Electrical Engineering, Faculty of Engineering, Alexandria University, Egypt, 1994

Overall experience:
- 19 years of C/C++ programming.
- 12 years of building digital circuits and embedded control applications using microprocessors and microcontrollers.
- 1 year Ada programming
- 1 year network design and installation
- 3 years teaching and training technical courses.

Working Experience
• **2011 till present:** cofounder and executive manager of Technoenergy for electronic industries and advanced lightings.

• **2002 - 2011**:

   - Free software engineer writing customized software programs for special hardware embedded systems.
   - Developing software package ATProg for programming ATMEL microcontrollers. (HLogic)
   - Developing various software packages.
   - Writing the software program for the DLP design contest, Nuts & volts (Digital rudder indicator for marine vessels) and **winning 2nd prize 2009**.

• **Sept 2000 – June 2002:** Assistant Lecturer at AIT (Alexandria Institute of technology)

• **June 1999 – January 2000:** Software Engineer at AcuSoft (Orlando, Florida, USA)

   - CCTT Exercise Initialization Tool (CEIT)

- GEMS (Generic Experimental Modular Simulator)
- Porting selected CCTT reusable applications from AIX to the PC.

August 1998 – May 1999: Lecturer and research associate at university of central florida, school of computer science. (UCF, Orlando, Florida, USA)

- Computer Design architecture
- Numerical Analysis
- Spreadsheets
- Introduction to computer science

April 1998 – August 1998: IEEE Conference Coordinator at Duke university (Durham, NC, USA)

August 1996 – May 1997: Technical Engineer and the head of the training dept. for an Internet service provider (Alexandria, Egypt).
- Manage and support CNS office in Egypt and Sphinx at Sunnyvale , CA, USA
- Developing technical courses for engineers
- Network operation center engineer
- PC hardware/Software Installation
- Marketing technical interface
- Customer support

1995 spring semester: Laboratory advisor in the Microprocessor Lab at Alexandria University, faculty of engineering (building general purpose interface cards for the PC)

1994 fall semester: Teaching assistant in mathematics at Alexandria university, faculty of engineering.

Computer Skills:
- C/C++ Programming using C/C++ builder and visual C++ compilers, C# using Visual Studio 12
- Ada95 programming under PowerAda on AIX and ObjectAda 7.2 on NT
- Java programming using java builder.
- Visual Basic programming
- Circuit simulation packages (SPICE, EWB), PCB packages (ORCAD).
- Mathematical packages (Matlab…)
- Access database programming.

Hardware Skills:
- Digital circuit design.
- Programming Microchip PIC, ATMEL, AVR microcontrollers.
- Interfacing 8-bit, 16-bit microprocessors
- Interfacing using USB , PC serial and parallel ports.
- Interfacing GSM modules
- Interfacing XBEE series 1 and series 3 modules

AcuSoft

TO: TO WHOM IT MAY CONCERN

FROM: JEFF ABBOTT , PROGRAM MANAGER - ACUSOFT

SUBJECT: WORK EXPERIENCE AND PERFORMANCE

DATE: WEDNESDAY, JANUARY 19, 2000

CC: JESSE LIU, PRESIDENT - ACUSOFT

Employment Period

Mona Eltelaiti was employed by AcuSoft as a Software Engineer from June 7th, 1999 through January 21st, 2000. During that period Mona worked on two projects, the CCTT Exercise Initialization Tool (CEIT) and the Generic Experimental Modular Simulator (GEMS).

Work Performed

CEIT is an application that enables a Windows based PC to develop exercise files that are used to initialize the United States Close Combat Tactical Trainer (CCTT) simulation environment.   Mona's contributions to the CEIT project included the porting and development of C/C++ libraries from the Windows PC to the CCTT AIX platforms. These libraries are used to read and write exercise files in a common text based format.

GEMS is an application that will enable simulation assets to be composed out of modular pieces. The objective of GEMS is to adapt existing training devices and simulation assets to be interoperable and exchangeable. Mona's contribution to this project was the porting of CCTT Ada source code from the AIX platform to the Windows platform. The work entailed:
- Modifying the CCTT source files to be Ada 95 compliant.
- Byte swapping of terrain database information from the AIX big endian format to the Windows little endian format.
- Porting of selected CCTT reusable applications to the PC (Damage assessment (1200 packages), Common Environment (462 packages)

Work Performance

In the course of her employment at AcuSoft, Mona demonstrated her expertise in the development and integration of heterogeneous software applications written in Ada, C, C++, and Visual Basic across AIX and Windows based hardware platforms. In addition to her technical performance, Mona gained the respect of those engineers she worked with as a valued member of the software development team.

**University of
Central
Florida**

April 29, 1999

To Whom It May Concern:

This letter is to certify that Mona Eltelaiti has been employed by the University of
Central Florida, School of Computer Science from August 20, 1998 until May 5, 1999.
During this time she has served as an adjunct instructor as well as research associate.

Should you require further information, feel free to contact me.

Sincerely,

Linda Lockey
Office Manager

<u>To whom it may concern</u>
Working Experience Certificate

CNS (Computer Network Services , Internet service provider) is a high Tech. Company that appreciate hardwork , teamwork and interpersonal skills .

Eng. Mona Hamdy Eltelety thrived and excelled in that environment , she has proven herself as a dynamic person, team player, self motivated, reliable, willing to learn to improve her skills more and more and extremely dedicated to the company .

While her stay at CNS for 9 months, she has worked in several fields and excelled in all .

She worked as a technical instructor and course developers .

She also worked with the Network Operating Center (NOC) in monitoring system performance , network installation and troubleshooting .

She worked as a marketing technical interface responsible for major accounts .

She also worked in customers technical support by answering incoming calls from customers requesting technical assistance by collecting critical information and providing appropriate technichal answers .

She has good communication skills and she was responsible for writing reports on technical daily activities of the company .

Eng. Mona Eltelety has proven herself in the following fields :

1- Manage and support CNS office in Egypt and Sphinx at Sunnyvale at CA. USA .

2- Developing technical courses for engineers and giving training sessions in Internet Technology .

3- PC administration : manages HW/SW installations ,upgrade and maintenance .

4- UNIX administration on several platforms such us FREE BSD ,SUN OS and Linux .

5- DNS , Email , FTP setup and virtual hosting .

6- Support WIN95 , windows 3.11 networking including TCP/IP , MS office application support .

7- Installation of Microsoft proxy server .and NT 4.0 system administration .

8- Programming with Borland C/C++ language .

9- Excellent experience in INTERNET tools and software packages and HTML programming .

10- Good understanding of TCP/IP Microsoft LAN and WAN technologies .

11- Experience with 3COM communication servers and Cisco routers .

12- WIN95, WIN 3.11, MS office suite, custom applications HW/SW configurations and installations .

President of the board

Eng. Shawky Bishr

Assigned board member
& Executive manager
Mahmoud Elgohary

References :
Shawky Bishr, President & CEO
Sphinx Internet Services CA. USA.
Computer Networks Services, Inc.   Alex. Egypt
Email : sbishr@sisnet.net
Phone: 408-328-1750 USA ,Sunnyvale

ALEXANDRIA UNIVERSITY
FACULTY OF ENGINEERING

CERTIFICATE
To Whom it May Concern

This is to certify that **Eng. Mona Mohamed Hamdi Eltelety**

(born 15 / 11 /19 71 in ___Alexandria___) has obtained his/her ___M.Sc.___

Engineering (_Electrical_ Eng. Dept.) in _March_ 19 98 .

The title of the thesis is **(Applications of Microchip Microcontrollers in Design of Testing and Control Circuits).**

Date 4 / 4 /1998

Hade   REGISTRAR
Pardos
4.4.1998

for DEAN

Prof. Dr. **M.A. Shama**

٩٨/٢/٢١ سبت على نجي
seen on اول
12/4/1918
Hadu
12/4/98

Secretary General
Rawya
17.4.1998