

- **MOBILE** : 002 – 01006978506 , 01111599363
- **E-MAIL** : ragab_m2002@yahoo.com
- **WEB SITE** : www.eng-ragab.com
- **CV URL** : www.eng-ragab.com/cv.pdf



www.eng-ragab.com

Ragab Mahrous Fahim Saad

Objective

Seeking for an engineering job especially in:

- Communications (Telephone, mobile, networks and systems)
- Websites, Solutions developer and programmer using C#.Net 2005, SQL server 2005, PHP and MySQL
- Computer S/W, H/W, or Networks, or a S/W Instructor
- Automatic control PLC / SCADA systems.

PERSONAL INFORMATION

- **Nationality** : Egyptian.
- **Religion** : Muslim.
- **Date of Birth** : December 21,1976
- **Social status** : Married.
- **Gender** : Male.
- **Military Status** : Exempted.

EDUCATION

- **Higher education** : B.Sc. - 2002, Electronics & Communications department, Faculty of Engineering, Cairo University.
- **Department** : Electronics and communications Department.
- **Graduation Project Title** : "SCADA" Supervisory Control And Data Acquisition.
- **Graduation Project Grade** : Excellent.

SPECIAL SKILLS

*** Computer Skills:

Hardware:

*Good knowledge with computer components; their types, models, and how to install their drivers. Hardware and PC Maintenance. I have worked as PC-Maintenance instructor.

Software:

• Programming languages:

- C#.Net 2003 up to 2012, ASP 1.1 – 4 and ADO.Net, Ajax
- SQL Server 2000, 2005, 2008, 2012 implementation and administration.
- Share point Web Developer, and Administrator
- Web Developer, ASP.Net (4)
- PHP and MySQL
- FrontPage and Dreamweaver, HTML, DHTML
- Visual Basic.Net.
- Assembly, C++ (OOP)
- IIS and apache servers, ISA server, DNS server, Active Directory, E-Mail administration over Windows 2003,2008 server (x86, x64 bit) environment.
- Linux WHM and C. panel administrator
- International Hosting/Resellers Control panels such as Godaddy hosting, Domain, email management panels
- IIS7, DNS and Exchange server administrator

- Common open source e-learning, e-content (CMS), e-commerce websites good known, installation, manage and administration.

1. Operating systems:

Dos- Windows XP,7, 8 - Windows 2003,2008,2012 server (using, installing, Maintenances and troubleshooting, administration)

2. International Computer Driving License "ICDL" Modules (since: 2004).

windows XP - IT - internet - Microsoft office (Word, Excel, power point, and Access)

3. Computer Tools:

- Super user for Microsoft, office 2003, 2007,2010,2013, SPSS.
- Super user for Dreamweaver 8.
- VHDL, Spice, EWB5, Mat lab, and AutoCAD2006.
- Super user for Internet Explorer &Web Pages.
- Common E-Learning sites software such as MOODLE and SAKAI, e-front and A-Tauter.

***** Communications experience:**

MATV (Master Antenna TV) Satellite Stations "Head end stations", satellite receivers (Types, work, and installations), Satellite components, Cable modulation Unit (CSE 2000, Hirschmann's Model), and Cable TV communications Networks (cables, splitters, taps, Amplifier, and connectors).

***** Language Skills:**

- **Arabic:** Mother tongue.
- **English:** spoken and written.
- **French:** Fair.

TRAINING

1 - PREVIOUS TRAINING

- **1999** : Electronics and Electrical Communications Department training (after 1st year) Faculty of Engineering Cairo University.
- **2000** : Bani_Suif Cement Factory.
- **2000** : Egyptian TV "MASPIRO".
- **2000** : "GUPCO" Gulf of Suez Petroleum Company, Suez Gulf in Ras
- **2001** Shouker, (Gas collection Factory),
- **2001** : Egyptian International Academy Of Scientific Research &Technology (" SIC " Scientific Instruments Center),
- **2002** : El_Bourak Factory for Electronic cards combinations (computer mother board, TV cards), 6th October city.

2-IBM TRAINING

**** IBM PROGRAM under the supervision of the Ministry of Communications, from 13-6-2004 To 21-1-2005 (Track: SOLUTION DEVELOPER AND PROGRAMMERS ' MS. SQL2000 Server and MS. C#.Net Certification') which include the following courses:**

* internet fundamentals	* Networks fundamentals
* PLC (Programming Logic Concepts)	* HTML
* C/C++ programming language	* Ms SQL sever 2000
* Data Base Design and methodology	* OOP analysis and design
* Java Script lang.	* C#.Net
* Web page Developing	* Data Base Application using C#.Net
*ASP. Net and XML * ADO. Net	* Ms Project planning and marketing.

* Track final Project (a real web site project www.mafkood.com it is a GREAT step in my career),

Training Center: IBM's Center: "Shooter++ Training Center", 4th of Ahmed Yahiya St, from Wade El_Nile St- from Gamt El_Dewal Al_Arabia St -EL_Muhandessen - Giza.

3-Synergy Training:

2005: Microsoft Exchange 2003 server, 17 el ahram st, el korba, heloplise, cairo duration 15 days.

4-International Computer Driving License "ICDL" Modules (since: 2004).

windows XP - IT - internet - Microsoft office (Word, Excel, power point, and Access)

5-Self TRAINING

- **C#.Net 2005,2010,2012** and ASP 2.0-4 and ADO.Net
- **SQL Server 2005** and SQL server 2005,2008,2012 administration
- **PHP** and **MySql** technology
- **Windows Server 2003,2008,2012** and **E-Mail Server**

PREVIOUS WORK

- **"Hirschmann"**, Electronic consulting centre, for Cable TV comm. & satellite stations, Central antenna stations, duration: 4/2003 up to 11/2003, Location: 23 Sakir_Kurish – Sheraton Buildings – Nasr City – Cairo.
- **"IT Professionals Co."** Information Technology Professionals Co. for computer Trading and Maintenance, 24 Abu El_Mahassen El_Shazli El_Muhandessen Giza., (Show Room: CompuCity Mall, 26 Gamet El_Dewal Al Arabia St. El_Muhandessen Giza), duration: 12/2003 up to 6/2004.

CURRENT WORK

● **"SCC" Scientific Computation Center, Cairo University:**

A websites, and solutions developer and administrator.

1- Teamwork member of <http://www.cu.edu.eg>, Cairo University site (Updates, development and Administration) by Visual Studio .Net 2005 and SQL 2005, with the following achievements:

- Database: design, implementation and administration using SQL2005 server.
- All HTML Pages.
- All ASPX Pages.
- All DHTML Main menus (Using the java script).
- Cairo University [News Site \(http://cunews.cu.edu.eg\)](http://cunews.cu.edu.eg).
- Cairo University [Forings students Site \(http://foreign.cu.edu.eg\)](http://foreign.cu.edu.eg).
- Cairo University researches Conference site (<http://icsra.cu.edu.eg>).
- Cairo University researches site.
- Cairo University [search engine \(http://www.cu.edu.eg/search/\)](http://www.cu.edu.eg/search/).
- Developing Cairo University publications site <http://www.cu.edu.eg/rsp> .
- Cairo University results site <http://www.cu.edu.eg/results.aspx> For Facilities students' exams results Email administrator co-operator www.mail.cu.edu.eg
- ICDL Exams times registration for Cairo university students www.cu.edu.eg/icdl
- Microsoft CDs request registration form www.cu.edu.eg/msclds
- Cairo University E-Mail request Registration form www.cu.edu.eg/email
- And more ...

2- Faculty of Engineering Cairo University E-Learning site <http://www.mpgc-heepf.eng.cu.edu.eg> Site administrator, This site is established for Modernization of Post Graduates Courses in faculty of Engineering Cairo University, under the supervision of [HEEPF: Higher Education Ministry](http://www.heepf.gov.eg).

3- The developer of Cairo University Centennial celebration site <http://100.cu.edu.eg> [Arabic /English/France], (Updates, development and Administration).

4- **Other developed sites in SCC.**

- <http://scc.cu.edu.eg> For "SCC" Scientific Computation Center, Cairo University.
- <http://www.darelom.cu.edu.eg> for [Faculty of Dar Al-Alum](http://www.darelom.cu.edu.eg)-Cairo University.
- <http://www.kind.cu.edu.eg> for [Faculty of Kinder gradient](http://www.kind.cu.edu.eg) -Cairo University.
- [Cairo University Conferences Center](http://www.cu.edu.eg/conferences) for Cairo University.
- <http://fa-arch.cu.edu.eg> for [Faculty of Archeology](http://fa-arch.cu.edu.eg) Cairo University.
- <http://www.fose.cu.edu.eg> for [Faculty of Special Education](http://www.fose.cu.edu.eg) -Cairo University.
- <http://www.nursing.cu.edu.eg> for [Faculty of Nursing](http://www.nursing.cu.edu.eg) -Cairo University.
- <http://www.agr.cu.edu.eg> for [Faculty of Agriculture](http://www.agr.cu.edu.eg) -Cairo University.
- <http://capscu.eng.cu.edu.eg> Site developer and administrator, This site is established for Center for Advancement of Post-Graduate ,Studies and Research in Engineering Sciences - Faculty of Engineering - Cairo University.
- <http://chem05.cu.edu.eg> for [Faculty of Science](http://chem05.cu.edu.eg) -Cairo University.
- <http://mac.cu.edu.eg> for Micro Analytical Center [Faculty of Science](http://mac.cu.edu.eg) -Cairo University.
- <http://chem05.cu.edu.eg/chemdept> for [Faculty of Science](http://chem05.cu.edu.eg/chemdept) -Cairo University.
- <http://www.mearim.cu.edu.eg> for First Middle East-Africa, Regional IAU Meeting- Cairo, Egypt, [Faculty of Science](http://www.mearim.cu.edu.eg) - Cairo University.
- [http://www.iaga.cu.edu.eg/](http://www.iaga.cu.edu.eg) International Association of Geomagnetism and Aeronomy (IAGA), Cairo University.
- <http://www.gaw.cu.edu.eg> for 9th INTERNATIONAL CONFERENCE ON THE GEOLOGY OF THE ARAB WORLD - GAW 9 Borderless Geology Department, [Faculty of Science](http://www.gaw.cu.edu.eg) - Cairo University.
- I have developed All Active ASPX Pages, For pathways to higher education project web site – CAPSCU- Faculty of Engineering , Cairo University, also I have developed these sites in Pathways:
 - Pathways site: Online registrations, trainers tracking system and students activities sites

- Pathways Site (<http://www.pathways.cu.edu.eg>, www.pathways-egypt.com)
- DTMS : <http://www.pathways.cu.edu.eg/DTMS>
- TOT : <http://www.pathways.cu.edu.eg/TOT>
- ETS : <http://www.pathways.cu.edu.eg/ETS>
- DLS : <http://www.pathways.cu.edu.eg/DLS>
- TTC : <http://www.pathways.cu.edu.eg/TTC/>
- TTR : <http://www.pathways.cu.edu.eg/EMMM/>
- TTR : <http://www.pathways.cu.edu.eg/TTR/>
- PWTR : <http://www.pathways.cu.edu.eg/trainingreport>, Pathways Training report
- <http://Dtms.pathways-egypt.com>
- <http://Pstp.pathways-egypt.com>
- <http://Pu.pathways-egypt.com>
- My Pathways site: (www.my.pathways.cu.edu.eg)
 - My Forums : <http://www.my.pathways.cu.edu.eg/myForums/>
 - my News : <http://www.my.pathways.cu.edu.eg/news>
 - Pathways Human and rods website www.pathways-news.com
- My Pathways News site: (www.pathways-news.com)

5- **I have Developed other Sites:**

- <http://sareg.sci.cu.edu.eg> for faculty of science - Cairo university inner co-ordination, and student table's management.
 - <http://www.egtrib.com> Egyptian Society of Tribology.
 - <http://www.amlaptop.com> for laptops store and online trading Feisal - Giza.
 - <http://g-arabarch.com> for Arab archeologists - Giza.
 - <http://www.misrpro.com> for web sites hosting and domains reservation - Giza.
 - <http://www.mdp.eg.net> for Mechanical Design and Production 9th conference, Faculty of engineering, Cairo university (it is a great achievement in my career).
 - www.hodasharawi.com , The site for Hoda Sharawi Organization.
 - www.elwalaa.com for fruits exporting company (using ASP.Net and SQL 2000 server), the company located in el_manashy road – embaba - Giza.
 - <http://www.akaratalharam.com> for Building and flats trading and reservation Company, the company located in el_haram - Giza.
- 6- Faculty of Engineering [Ain Shams University](http://www.ainshams.edu.eg) E-Learning site <http://www.lloc.edu.eg>, Site Developer and administrator, For Laser Laboratory Optical Communications - Faculty of Engineering [Ain Shams University](http://www.ainshams.edu.eg), under the supervision of [HEEPF higher learning ministry](http://www.heepf.com).
- Very good knowledge of [moodle](http://www.moodle.org) E-Learning software good solution, running it for E-Learning for [Pathways](http://www.pathways.edu.eg) institute in [CAPSCU, Faculty of engineering, Cairo University](http://www.capscu.edu.eg).

7- Works as an Instructor for this courses: ICDL, C++, C#.Net, SQL 2000 Server, HTML, PC Maintenance, E-Learning concepts and software such as moodle and sakai.

8- **DFD:** Dairy Farms Designer An expert system for planning and designing dairy farms in hot climates desktop program, M. Sc. Mohamed Samer Mohamed - Beirut -2008, Institute of Agricultural Engineering University of Hohenheim, Livestock Systems Engineering ,for more info. Please visit www.eng-ragab.com/dfd.pdf

● **"ASRT" Academic of Science and research Technology, Egypt:**

- A website developer for grants and experts registration www.asrt.sci.eg , scientific 2008, 2009 grants and experts.
- STDF <http://stdf.org.eg> Science and Technology Development Fund.
- ASRT Grants www.grants.asrt.sci.eg
- ASRT Experts www.experts.asrt.sci.eg
- ASRT SNG www.sng.asrt.sci.eg
- ASRT Arab biotechnology www.arabbiotech.eg.net

● **MisrPro (Giza Host) founder and general manager:**

- MisrPro (Giza Host) for web hosting, design and services, domain registration www.misrpro.com

Summary of the graduation project

Represent all the factory elements "machines" on the monitor of the supervisor computer to indicate the status of each machine through reporting the data gradually using any communication link type to be reflect on the schematic diagram on the monitor. The man from the "Central Control Room (CCR)" can control the machine behavior by mouse/K.B. from "CCR", this concept denotes the core of "Man Machine Interface (MMI)". We only choose a simple process example and applied some of the common controllers such as "P, PI, PD, PID controller, phase lag, phase lead and phase lag lead controller." The supervisor software was developed by VC++6.

The program consists of two programs; Graphic Builder and Simulator. Plot the schematic of the process on the Graphic Builder then set each object initializations properties, and save the schematic. After that, open the simulator and load the plotted schematic, change settings and each element run time initializations and its properties, then choose run button, compare between the effect of each controller type. We simulated these graphical objects using AutoCAD 2000 due to no real hardware connected to the supervisor computer.

