

**101767-CSX-18CMOS-E-2007**  
**Senior Automation / I&C Engineer**

Holds a B. Sc. in Electronics (Computers & Systems) Engineering and a Diploma in Automatic Control.  
Has over 9 years hands-on experience working in automation I&C field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 28/11/1985  
Gender : Male  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Electronics (Computers & Systems) Engineering, Mansoura University, 2007  
: Diploma in Automatic Control, Mansoura University, 2012  
: Executive MBA, Arab Academy for Science, Technology & Maritime Transport Business School (started 2016)

## LANGUAGES

Arabic : Native Language  
English : Excellent  
German : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
CCNA and Networks Troubleshooting

## TRAINING COURSES AND CERTIFICATIONS

: PMP 35+ Training, Udemy (2015).  
: Six sigma yellow belt, 6sigma (2015).  
: ST-PRO3, Siemens (2014).  
: WinCC ST-BWINCCS, Siemens (2014).  
: CCNA (2013).  
: Profibus DP IK-PBSYS, Siemens (2013).  
: AutoCAD Electrical, Engineering Syndicate (2012).  
: Siemens PLC Courses, Jeilecom Training Center (2011).  
: Siemens HMI & Scada, Jeilecom Training Center (2011).  
: CCNA, Jeilecom Training Center (2010).

- : Electronics Boards Manufacturing, Syria Syronics for T.V. Set (2006).
- : PLC & Scada Microcontroller, Mansoura University (2006).
- : Substation 220KV transformers and transmission lines protection, Mansoura Substation 220KV (2005).
- : PC Fundamentals, Windows and Basic Language programming, Microsoft ICDL, International British Institute (2000).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2015 till now  
**Employer** : Metito Water Utilities  
**Job title** : Senior Automation / I&C Engineer

**Dates** : From Oct. 2007 till Jan. 2015  
**Employer** : Intech (International Environmental Technological) Company for water treatment plants (Installation and maintenance for RBC, SBR, MBR plants and RO)  
**Job title** : Automation / I&C Engineer

### Responsible for:

- Automation for Siemens and Allen Bradley.
- Installing and Troubleshooting Motor Control (MCC).
- Installing and troubleshooting valves and actuators.
- Installing and maintaining Instruments and devices like (Magnetic, Ultrasonic, open channel, inserted flow meters), VFDs, Pressure Transmitters, Ultrasonic and Hydrostatic level Transmitters, Pressure and level switches, Process Analysis like Dissolved Oxygen, PH, Turbidity, Chlorine, Conductivity, Chart Logs, Motor Starters, Proximity Sensors, Limit Switches, chlorine Pumps, Centrifuge Flottweg, differential pressures, hydrogen detectors.
- Hart, Profibus Connection of all devices with PLC.
- Pneumatic valves and solenoids.

### Projects:

- Burullus 4800MW Combined Cycle Power Plant
- Suez Thermal Heat Power Plant 650MW Waste Water – Demineralization – Hypochlorite – Condensate polisher
- Giza North III – 750MW Power Plant
- Marassi Phase II 2 x 3700 m<sup>3</sup> per day
- RO Plant extension El-Shabab in Sharm El-Sheikh Water Plant
- 22 different Water Purification Fe & MN Water Stations 60 & 90 L/S
- Dahab RO Water Plant
- Agami Alexandria Waste Water Treatment Plant with a daily capacity of 350,000 M<sup>3</sup>/day OxyWorks BioWorks Design
- 10 of Ramadan Industrial Waste Plant & Waste Plant
- El-Shorouk WWTP with a daily capacity of 70,000 M<sup>3</sup>/day
- 6th of October WWTP with a daily capacity of 100,000 M<sup>3</sup>/day
- Borg El-Arab WWTP with a daily capacity of 70,000 M<sup>3</sup>/day
- Damas WWTP with a daily capacity of 12,000 M<sup>3</sup>/day

- Mahmodia WWTP with a daily capacity of 20,000 M<sup>3</sup>/day
- El-Katamia WWTP with a daily capacity of 45,000 M<sup>3</sup>/day
- Ard ElHeesh WWTP with a daily Capacity of 20,000 M<sup>3</sup>/day
- Khorsheed WWTP with a daily Capacity of 20,000 M<sup>3</sup>/day
- El-Hanoville WWTP with a daily Capacity of 20,000 M<sup>3</sup>/day
- Mahalet Mnoof WWTP with a daily Capacity of 20,000 M<sup>3</sup>/day
- Many other RBC plants with small capacities ranging from 2 M<sup>3</sup>/day to 8 M<sup>3</sup>/day like Marina, Showni, Abo shehba, Nena, Manshyet abd elsamad, Beltan, Damelo, Kafr El shahwa, Aghour & 8 WWTP in Abees each 8,000
- Telbana and Mehalt Enjak
- Drinking Water Plants in Upper Egypt Elayaisha and Elsala'a

**Skills:**

- Allen Bradley RsLogix500 & Rslogix5000 and Scada FactoryTalk.
- Siemens Microwin & step 7 simatic manager and Wincc Flexible for Scada design.
- CCNA Course and good understanding for Ethernet and computer networks.
- Profibus, Hart, Profinet, Modbus.
- Familiar with international codes and standards (Nema, IEC, IEEE, ANSI, API, etc.).
- Work with many electrical programs like AutoCAD Electrical, Aucotec Elcad Aucoplan, Eplan Electric P8, Myecodial L, Etap.
- Good understanding for the control theory and control systems.
- Studied Computer high level programming languages and database management.
- Excellent skills in searching, manipulating and interacting with latest technologies in the internet and the web.