

**Arafa Soliman Sobh**  
Graduated in Production section  
Mechanical Engineering  
Department

**Contact Information »**

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**Personal Information ▼**

**Name:** Arafa Soliman Sobh Khalil  
**Nationality:** Egyptian  
**Resident of:** Cairo  
**Birth date:** 7 Aug. 1979  
**Gender:** Male  
**Marital Status:** Married

**Education ▼**

**College:** Faculty of Engineering  
**University:** Helwan University  
**Degree:** Bachelor of Eng. Science (B.Sc. Eng.) May. 2001  
M.Sc.Eng.of Eng. Science (M.SC.) Dec. 2008  
PhD. Qualification of Eng. Science May 2010.  
**Department of:** Mechanical Engineering Technology (Production sections)

**Academic Experiences ▼**

**Institution:** Faculty of Engineering – Helwan University

- **Summer training in the faculty shops:**  
(Turning, milling, arc welding, metal casting, Wood working, Forging, Sheet metal working...)  
July 1996 – Aug. 1996
- **Fifth year project:** (Using Ultrasonic Test to Detect Weld Defects in Pipe Lines)  
May. 2001

**Project Grade:** Very Good

**Institution:** **Canadian International College (CIC)**  
• Part timer (Ass. And Lecturer) 2007-2010

**Industrial Experiences ▼**

- **Institution:** Metro Gas company July 1997 – Aug. 1997  
**Address:** Cairo, Egypt

- Job:** Summer trainee  
**Activities:** Maintenance of Valves, Pipe lines, Pressure of Fluid and Nets
- **Institution:** Petrojet Work shops July 1998 – Aug. 1998  
**Address:** Katamia, Cairo, Egypt.  
**Job:** Summer trainee  
**Activities:** Rolling of metal sheets, design of welded joints, welding of pipe lines with different arc processes, finishing process of welded joints by blasting or grinding and hydrostatic test.
- **Institution:** Petrojet Work shops Dec. 2000  
**Address:** Katamia, Cairo, Egypt.  
**Job:** Graduation Project Experimental Works  
**Activities:** Using Ultrasonic device (N50) to detect weld defects in pipe lines
- **Institution:** CMRDI (Central Metallurgical Research & Development Institute) 2005 - 2008  
**Address:** Tebbin, Helwan, Egypt.  
**Job:** Researcher  
**Activities:** M.Sc. Experimental works (GTAW, GMAW and Fatigue test)

### Configurations ▾

Ambition, confidence, truth and sociable.

### Hobbies ▾

Searching the webs, reading, billiard, figure fitness, chatting, running, and drawing.

### Languages ▾

Arabic, English and Little German.

### Computer skills ▾

AutoCAD, Word, Excel and PowerPoint.

### Teaching Experience

Institution	Subjects	Date
Modern Academy (Cairo)	Statics and Dynamics	2003-2004
Benha Institute of Technology (Qalubia)	Materials technology, theory of machines, operations researches, projects management, castings and metal forming.	2004-2009
Canadian International College	Thermodynamics, Fluids, Manufacturing Technology, Statics and Dynamics	2006-2010

- Using data show, open discussion, intermediate examination and tutorials as teaching methods.