



### **Job Objective :**

- Seeking a position where I can collect between my academic knowledge and industrial life, gaining a higher experience that would develop my knowledge and my technical skills in a higher professional environment.

### **Personal data:**

**Name:** Mohamed Magdy Fawzy Darwish Mostafa  
**Home Address:** 4 St. Mustafa Elshewekh – Warak elarab – Imbaba – Giza– Egypt  
**Work Address:** 108 St. Shoubra – Cairo – Egypt  
**Postal Code:** 11629  
**Phone No. :** 02\ 35426656  
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**E-Mail:** eng\_darwish2020@yahoo.com  
**Date of Birth:** 23-05-1989  
**ID Number :** 28905230100959  
**Passport No. :** A13212085  
**Social Status:** Single  
**Religion :** Muslim  
**Nationality:** Egyptian  
**Gender:** Male  
**Military Service:** Finished

### **Education:**

**University:** Benha University  
**College:** Faculty of Engineering at Shoubra  
**Department:** Electrical Power & Machines  
**Certifications:** 1) Pre – Ph.D. degree in High Voltage specification  
2) M.Sc. [Master of Science in Electrical Engineering (High Voltage)]  
3) Pre - Master degree in High Voltage specification  
4) B.Sc. [Bachelor of Science in Electrical Engineering]

- Certifications**
- Year :**
- 1) Pre-Ph.D. from Shoubra Faculty of Engineering at **January-2015**
  - 2) M.Sc. from Shoubra Faculty of Engineering at **July – 2014**
  - 3) Pre-Master from Shoubra Faculty of Engineering at **May – 2012**
  - 4) B.Sc. from Shoubra Faculty of Engineering at **May – 2011**

**Degree of Pre-Ph.D. :** ( B<sup>+</sup> ) with **GPA : 3.33**

**Degree of Pre-Master:** Very Good [89%]

**Degree of each B.Sc. year:** Excellent

**Overall Grade of B.Sc. :** **Excellent with degree of honor [88.77%]**

**Arrangement :** I was the fifth of my class & the seven of my college

**M.Sc. research title:** " Effects of H.V. Transmission Lines  
Magnetic Field on Pipelines "

**Graduation project:** " Electrical Design of an Industrial Area  
And Its Managerial Building"

**Project objective:**

- 1) Lighting system design.
- 2) Load calculations & SLD configuration design.
- 3) C.B, cables, transformer and generator sizing.
- 4) M.V. configuration design.

**Project evaluation:** Excellent

### **Courses and Certificates :**

- **IELTS Certificate with overall Band score (4.5 ) " 26-2-2015 "**

#### **4<sup>th</sup> YEAR (2011):**

- I have been succeeded in [ Local **TOEFL** test with score **590**  
From " **18-9-2011** " to " **20-10-2011** "
- I have been taken PLC "Level-1" course from Jelecom Company  
From " **9-7-2011** " to " **28-7-2011** "
- **ABB ARAB** transformer factory, from " **1-7-2011** " to " **5-7-2011** "

#### **3<sup>rd</sup> YEAR (2010):**

- Electrical Installation Certificate from ;  
Industrial Training Council ( **ITC** ) from" **7-2-2010** " to " **18-2-2010** "
- Winding of three phase induction motor Certificate from ;  
Industrial Training Council ( **ITC** ) from" **7-2-2010** " to " **18-2-2010** "

- **PLC "Level-1"**(conventional control systems, Allen-Bradly software, LG software and Delta software) Certificate from ; Engineering University Consultation (**EUC**) & Industrial Training Council (**ITC**) from " 10-9-2010 " to " 28-9-2010 "
- Electrical distribution system Certificate from ; Engineering University Consultation (**EUC**) & Industrial Training Council (**ITC**) from " 18-9-2010 " to " 5-10-2010 "

### **2<sup>nd</sup> YEAR (2009):**

- International computer driving license (**ICDL**) Certificate From (**computony**) Centre , at " 18-4-2009 "
- Matlab (Simulink) Certificate from Faculty of Engineering - Cairo University

### **Training Experience :**

I have been trained in the following Companies:

### **3<sup>rd</sup> YEAR (2010):**

- Egyptian Airports Company , from " 1-7-2010 " to " 31-7-2010 "
- Cairo North Power Station , from " 10-7-2010 " to " 25-8-2010 "
- Electro Cable Egypt Company, from " 29-8-2010 " to " 9-9-2010 "

### **2<sup>nd</sup> YEAR (2009):**

- North Cairo Electricity Distribution Company from" 4-7-2009 " to " 30-7-2009 "
- The Egyptian company for metro (**ECM**) from" 1-8-2009 " to " 15-8-2009 "

### **1<sup>st</sup> YEAR (2008):**

- College Training ; [ PLC-Electronics-Measurement - Design a Power Supply]
- ABB ARAB high voltage factory, from " 17-8-2008 " to " 21-8-2008 "

### **Preparatory YEAR (2007):**

- College Training; [ Electrical Engineering Drawing ]
- ABB ARAB factory, from" 29-7-2007 " to " 2-8-2007 "

## **Career- Related Experience :**

- **Assistant Lecturer** at Shoubra faculty of Engineering – Benha University (High Voltage Specification) from " **22-7-2014** " **up to the current day**
- **Demonstrator** at shoubra faculty of Engineering – Benha University (High Voltage Specification) from " **24-9-2012** " to " **22-7-2014** "
- Design and Site Engineer for earthing, cathodic protection and lightning system at united electrical contractors company, from " **26-9-2013** " **up to the current day**
- **I am teaching the following courses for students:**
  - 1) Electromagnetic Fields
  - 2) High Voltage Engineering
  - 3) Circuit Breakers and Substations
  - 4) Utilization of Electrical Energy
- **Pre–Master studied courses:** ( **Finished at 31–7–2012** )
  - 1) Advanced Topics in High Voltage
  - 2) Numerical Analysis of Electromagnetic Fields
  - 3) Computer Applications of High Voltage Engineering
  - 4) Circuit Breakers and Protection
  - 5) Gas Discharge in High Voltage
  - 6) Properties of Electrical Materials
- **Pre–PhD studied courses:** ( **Finished at 26–1–2015** )
  - 1) Advanced Subjects in High Voltage Engineering
  - 2) Application of Artificial Intelligence Techniques in High Voltage Systems
  - 3) Advanced Topics in Gases Discharge
  - 4) Advanced Topics in Electromagnetic Fields computation Techniques

## **Publications:**

[1] Nagat M. K. Abdel-Gawad, Adel Z. El Dein, [Mohamed Magdy](#), “ Magnetic Field Calculation under Normal and Abnormal Conditions of Overhead Transmission Lines”, TELKOMNIKA Indonesian Journal of Electrical Engineering, Vol. 12, No. 5, pp. 3381- 3391, May 2014.

### **Also, published in:**

- Nagat M. K. Abdel-Gawad, Adel Z. El Dein, [Mohamed Magdy](#), “ Calculation of Magnetic Field Produced by OHTL under Normal and Abnormal Conditions”, WSEAS Transactions on Power Systems, Greece, Vol. 9, E-ISSN: 2224-350X, pp. 311- 318, 2014.

[2] Nagat M. K. Abdel-Gawad, Adel Z. El Dein, [Mohamed Magdy](#), “Mitigation of Induced Voltages and AC Corrosion Effects on Buried Gas Pipeline Near to OHTL under Normal and Fault Conditions”, accepted in Electrical Power Systems Research, Elsevier, EPSR-D-14-00965R3 (under publication)

[3] Nagat M. K. Abdel-Gawad, Adel Z. El Dein, [Mohamed Magdy](#), “ Calculation of Induced Voltages on Buried Gas Pipeline Near to HV.T.L in Multi-Layer Soil ”, accepted in Saudi Arabia Smart Grid Conference, SASG 2015.

## **Computer Skills :**

- |                       |                      |
|-----------------------|----------------------|
| 1) ICDL Certification | 2) AUTOCAD           |
| 3) DIALUX             | 4) MATLAB            |
| 5) PLC Software's     | 6) ETAP (self-study) |
| 7) COMSOL             | 8) FEMM              |
| 9) MATHCAD            | 10) CDEGS            |
| 11) ATP/EMTP          |                      |

## **Languages Skills :**

Arabic	Mother Tongue
English	Very Good
German	Fair

**Note : All Documents Are Available Upon Request ( Last Modification 1\ 4\ 2015 )**