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Ayman Soliman Selmy Mohamed

<u>Personal Information:</u>	<p>Marital status : Married.</p> <p>Nationality : Egyptian.</p> <p>Birth Date : 22/06/1986.</p> <p>Religion : Muslim.</p> <p>Military Situation : finished (Reserve Officer).</p>
<u>Academic Qualifications:</u>	<p>2020 Benha Faculty of Engineering – Benha University, Egypt</p> <p>Ph.D. Degree in Engineering Sciences in Electrical Engineering Department: Electrical Engineering.</p> <p>Title:</p> <p><i>" Improved Data Fusion Technique for Optimal Design and Operation of Fault Detection Systems "</i></p> <p>Supervisor</p> <p>Prof. Dr. Ghada Mohamed Amer</p> <p>Assoc. Prof. Wael Abdel-Rahman Mohamed</p> <p>2014 Benha Faculty of Engineering – Benha University, Egypt</p> <p>Master degree of Science in Electrical Engineering Technology Department: Electrical Engineering.</p> <p>Title:</p> <p><i>" A study to design an ultrasound cylindrical phased array used for hyperthermia treatment "</i></p> <p>Supervisor</p> <p>Assoc. Prof. Mahmoud Fathy Mahmoud</p> <p>Dr. Wael Abdel-Rahman Mohamed</p> <p>2008 Benha Higher Institute of Technology Benha, Egypt</p> <p>B.Sc. of Electrical Engineering</p> <p>Department: Measurement and Control Department.</p> <p>Grade: (85.39%) Excellent with Honor Degree.</p> <p>Graduation Project details:</p> <p><i>"metro & underground controlling systems using-PLC-programmable logic controllers"</i></p> <p>Supervisor : Prof. Dr. Mona N. Eskander</p> <p>Project Grade: Excellent.</p>

<u>Training and Experiences:</u>	<p style="text-align: center;">2007 Gulf Of Suez Petroleum Co. (gupco) Cairo , Egypt</p> <p>Include: power housing department:</p> <ul style="list-style-type: none"> ➤ Gas turbine, advantages and disadvantages. ➤ Turbine operation and generators. ➤ uninterruptable power supply. ➤ Protection Relays. ➤ Circuit breakers <p style="text-align: center;">2005 South Delta Electricity Distribution Company</p> <p>Include:</p> <ul style="list-style-type: none"> ➤ Electric engineering principals. ➤ AC electrical loads types. ➤ Power factor improvement. ➤ Distribute transformer maintenance. ➤ Transformer related instruments. ➤ Distribute transformer faults. ➤ Overhead transmission lines. ➤ Medium voltage electric circuit properties. ➤ Electric power meter.
<u>Other Skills:</u>	<ul style="list-style-type: none"> ➤ AutoCAD 2019. ➤ Revit Electrical. ➤ MATLAB 2017 (m file- Simulink). ➤ OrCAD 10.5 (Electronic Circuits EDA). ➤ PLC (programmable logic controller) ➤ Familiar with C/C++ and visual basic. ➤ Good knowledge in designing, simulation. ➤ High communication skills, self-motivated and eager to learn. ➤ Pleasing manners and capability of working under pressure and meeting deadline
<u>Languages:</u>	<ul style="list-style-type: none"> ➤ Arabic: Mother tongue. ➤ English: Very Good Speak, read, and writes. ➤ English: passed the TOEFL certification.
<u>academic courses</u>	<ul style="list-style-type: none"> ➤ Distribution Projects (from 2012 till now). ➤ Power system (from 2012 till now). ➤ Programming language (from 2012 till now). ➤ Electrical application (from 2012 till now). ➤ Electrical circuit and electronic devices analysis (from 2011 till now). ➤ Clinical equipment management (from 2012 till 2015). ➤ Electrical safety (2015) ➤ Electrical distribution systems (from 2013 till now). ➤ Process Control and Building Management Systems (from 2020 till now). ➤ Codes and Specifications of Electro-Mechanical Systems (from 2020 till now) ➤ Digital Image Processing and Pattern Recognition (from 2020 till now).