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**1. PERSONAL INFORMATION**

Nationality: Egyptian.

Date of Birth: 1-1- 1990.

Place of Birth: Giza – Egypt.

Military status: Finished.

**Education and certification**.

* B.Sc. Degree in Mechanical Engineering from Cairo University, Faculty of Engineering- July 2011, Very Good, With 1st Class Honors, 9th Position.
* El Orman Secondary School (From 2003 till 2006). Total Rate in Secondary Level: (97%).

**Work and Positions held**

* Worked as a Teaching and Research assistant at Cairo University from (July 2011).
* Worked as an Officer at Engineering Authority Of The Egyptian Army from (October. 2011 - March. 2014)

**Honors and awards**.

* I have been honored for my educational excellence by Faculty of Engineering Cairo University at annual ceremony 2011/2012.

**2. TEACHING AND RESEARCH COMMITMENTS**

**Undergraduate:**

* Mechanics, undergraduate course, Cairo University.

**3. Skills**

**Language Skills**

* Native Language: Arabic – Excellent Speaking and Writing.
* English – Very Good Speaking and Writing.
* German – Fair & Still learning.

**Computer Skills**

* General Purpose Programs: Microsoft Office Package2013.
* Modeling Programs: AutoCAD (2D) (High Level studied at cad master Company).
* Programming Tools: Mat lab, FORTRAN, Turbo Pascal.
* Plotting programs: Engineering Solver Equation (EES).
* HAP (Hourly analysis Program) for load estimation.
* Fluent and fire Dynamic simulation (computational fluid dynamics).

**4. Experience (Summer Training, Field Trips, and Projects) Summer Training**

**Summer training**

* **Summer 2007:** Workshops of the Faculty of Engineering- Cairo University. **(For 3 Weeks)**
* **Summer 2008:** Workshops of the Arab Contractors in Shoubra. **(For 1 Month)**
* **Summer 2009:** The Engineering Utilities & Construction Office **(For 2 weeks).**
* **Summer 2009:** Bamag Egypt LLC. **(For 2 weeks)**
* **Summer 2010:** Chemonics Construction Office. **(2 Months)**

**Projects**

* **Graduation Project 2010 \ 2011.**

1. Design of fire tube boiler.
2. Design of Heat exchanger.
3. HVAC for Hospital.

* **Elective courses**

1. Advanced Air-conditioning.
2. Pipe lines Design.
3. Quality control.

**5. INTERESTS**

**Engineering interests**

* Heat transfer
* Power plants
* Refrigeration and Air-Conditioning
* Computational Fluid Dynamics

**Extracurricular activities**

* Practicing Sports like: Soccer, Swimming, and Table tennis.
* Learning foreign languages and Reading Engineering Books.
* Essay research via library/Internet.

**6. References**

Available upon request