

Amr Ahmed Ahmed El-Feky
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Objective

- Obtaining a better entry-level career in mechanical engineering, hoping it fully utilizes my academic background, and further develops my technical skills.

Personal Information

Date of Birth:	25 / 11 /1986
Gender:	Male
Religion:	Muslim
Nationality:	Egyptian
Marital status:	Single
Military status:	Final exempted

Education

First University Degree: B.Sc. of Mechanical Engineering (Aeronautical department).

University: Institute of Aviation & Engineering Technology.
Graduation year: 2008.
General Grade: Good.
Graduation Project Title: "change real turbocharger to turbo-jet engine"
Graduation Project Grade: Excellent.

Second University Degree: Master of science in Aerospace Engineering

University: Cairo University
Graduation year: 2014.
Thesis Title: "Aerodynamic Design of Flanged Diffuser Wind Turbine "

Training :

- Basic course for Aeronautical Engineers (Airframe / Power Plant) → 2008.
- License Without Type Rating (LWTR no.3806) →2011 at Cairo Aviation company.
- (Maintenance Control Centre & Line Maintenance) at NILE AIR company →2010

Work EXPERIENCES :

- Laboratory Engineer at National Research Center 2009 to 2013.
- Researcher assistant at National Research Center. 2013 to 2015
- Assistant Researcher at National Research Center. up to now
- Teacher assistant at Thebes Academy 2009 to 2013. (*Part Time*)
- Teacher assistant at Obor Academy 2014 to 2015. (*Part Time*)

Projects Performed:

- Hydrogen Storing and re-extraction. 2009
- Jet Velocity Profile scanning. 2010
- Water Desalination National Project. 2010 to 2014
- Wind turbine design and installation. 2015

Published Papers

- Numerical Investigation of loaded and unloaded diffuser equipped with a flange

WorkShop' Participation

- The third Egyptian Tunisian Workshop on New Renewable Energies. June 2013
- Repair and Maintenance of Scientific Engineering Equipment in Universities, Research Institutions, and small scale Industries. November 2011

Skills:

Technical Skills:

- **Design Cad (2D+3D).**
 - Solidworks
 - AutoCad
- **Printed Circuit Boards**
 - Proteus
 - Ares.
- **Computational Fluid Dynamic.**
 - Meshing: Gambit and Pointwise
 - Solver: ANSYS Fluent
 - Post Processing: Tecplot and CFD post
- **Programing**
 - Micro C language for PIC Microcontroller.
 - Matlab

Language Skills:

- **Arabic:** Mother Tongue.
- **English:** Fluent.
- **French:** Good command in speaking & writing.
- **Germany:** Fair.

Personal Skills:

- Self-motivated and hard worker.
- Able to concentrate, patient and punctual.
- Work alone, work in team and co-operative.

Activities / hobbies

Activity: having driving license.
Hobbies: Reading, Traveling.

Reference:

Available upon request.