

Tawfik Mohamed Tawfik



Assistant Researcher at National Research Centre

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Personal Information:

Name: Tawfik Mohamed Tawfik
Date of Birth: 14 October, 1991
Nationality: Egyptian
Marital Status: Single
Military service: Exempted
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University Degrees

1. B. Sc. Of Engineering.

University: Benha University, Faculty of Engineering- Shoubra
Field of study: Mechanical Engineering
Graduation year: 2013
Class Rank: The second on the graduation class
General grade: B+ (84%)
Grade in 4th year: A- (94%)
Graduation Project 1: A (99%)
Graduation Project 2: A (98%)

2. MSc. of engineering

University: Benha University, Faculty of Engineering Shoubra
Field of study: Renewable Energy
Thesis Title: Advanced Energy Management Strategy for Polygeneration Energy System

Languages Knowledge

Arabic: Fluent in spoken and written Arabic (Mother Tongue).

English: Excellent understating, speaking, reading, and writing.

Work Experience:

From June 2014 until now

1. Instructor & Assistant researcher at National research center / Egypt **(Mechanical Engineering Dep.)**

□ **Job Description:**

- Assist in publication of papers and mechanical applications.
- Work under the general supervision of the Principal Investigator (PI) on sponsored research projects performing standard and complex laboratory procedures.
- Maintain accurate and timely record of test results; apply standard quality control procedures to assure accuracy of test results, operate, calibrate and perform routine maintenance on specialized equipment, collect data, organize and centralize files and records, and prepare solutions, reagents, media or stains for prescribed tests.

From March 2017 until now

2. Technical examiner at Egyptian Patent Office in Academy of Scientific Research and Technology **(Mechanical Engineering Dep.)**

□ **Job Description:**

- Determine whether the application is adequate to define the metes and bounds of the claimed invention
- Investigate every application to determine that the invention is clearly described and appropriate for use
- Write an office action which identifies and analyzes all issues in the application pertinent to patentability of the claimed invention.

From June 2013 until June 2014

2. Instructor at Masr University for science and technology **(Industrial Engineering Dep.)**

□ **Job Description:**

- Develop, coordinate and teach courses industrial engineering, mechanical engineering and environmental health & safety
- Plan and organize instruction in ways to maximize student learning
- Maintain student documents and records as well as other related instructional duties.
- Evaluate and grade students' class work, laboratory work, assignments, and papers.

Training courses:

Company Name	Location	Duration	Work Description
Ahmed Bahgat complex factories (Factory Refrigerator Goldy)	6th of October, Egypt	Oct 2012 Dec 2012	Develops manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment
GMC	6th of October, Egypt	June 2012 July 2012 June 2012	Studying product and manufacturing methods.
Egyptian Saudi for plastic industry (El Fawars factory)	10th of Ramadan Egypt	Oct 2011 Jan 2012	Identify or redefine the problems in the process that must be solved in order to meet or exceed the customer's specifications or expectations
Elaraby group (Toshiba factories)	Benha, Egypt	Aug 2011 Sep 2011	Studying product and manufacturing methods.

Certifications:

- TOFEL test score record 606 at 18/3/2015
- Ethics and Methodologies Of scientific research at faculty of engineering-Shoubra
- Advanced power point 2013 training course at NRC Advanced software unite.
- Microsoft word processing 2013 training course at NRC Advanced software unite.
- Visual basic for Excel 2013 training course at NRC Advanced software unite.
- General English Language course at American University in Cairo .
- English Language course at British Council.
- American University in Cairo research conference, entrepreneurship & innovation.
- American University in Cairo conference "brand yourself".
- Time management and communication skills course

Computer Skills:

- Excellent in using engineering programs:
 - **Solid works** - 3D mechanical CAD.
 - **Primavera** - project management software.
 - **Basics of Arena** - simulation software.
 - **Minitab** - Statistical and Process Management Software.
 - **Lekin** - production scheduling system.
 - **Tora** - developer of data base application.
- MS-Office XP.(Word – Excel – PowerPoint).
- Internet (Introduction & Advanced level).

Personal Skills:

- Self-management.
- Excellent presentation skills.
- Excellent research skills.
- Written and verbal communication skills.
- Ability to be flexible and respond to changes.
- Self-motivated with strong analytical and problem solving skills.



References Available Upon Request.

Sponsorship Transfer Is Available.

Signature

Tawfik Mohamed

