

WAFAA AHMED SHAKER ABU ZEID

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Education

Highest University Degree : PhD
Research Field : Applied Mechanics
Year : 2022

Second University Degree : MSc
Research Field : Applied Mechanics
Year : 2017

First University Degree : B.Sc. Engineering
University : Alexandria University
Faculty : Engineering
Major : Mechanical Engineering
Graduation year : 1999

Spoken Language : English-Degree: Very Good

Previous courses : SOLID WORKS - M.S PROJECT - AUTOCAD – ACCESS -
TRAINING ON CNC BENDING AND PUNCHING MACHINE
IN ITALY FOR A WEEK

Work Experience

Current Work : Lecturer
Employer : Borg Al Arab Technological University
From : 01/09/2022
Job description : Teaching the following subjects:-
Basic Mechanics
Mechanics of Materials
History of technology
Technical Reports
Occupational Safety and Health
Marketing

Previous employment

Job title : Teaching Assistant
Employer : Alex. University, Engineering Faculty
From : 1/10/2017
To : 1/06/2022

Job description : Participated in teaching the following subjects: -
Mechanics of machinery
Mechanical Vibration
AutoCAD
SolidWorks

Previous employment

Job title : Teaching Assistant

Employer : Pharos University

From : 1/10/2013
To : 1/05/2014

&

From : 1/10/2009
To : 1/05/2011

Job description : Participated in teaching the following subjects: -
Mechanics of machinery
Mechanical Vibration
Automatic Control
AutoCAD
Mechanics

Previous employment

Job title : Technical Office Engineer

Employer : HORSE ENGINEERING WORKS

From : 1/1/2003

To : 17/1/2009

Job description : Study and make tenders.
for sewage pump station, submersible
station and water treatment plant

Previous employment

Job title : Technical Office Engineer

Employer : VALLEY OF THE KINGS CO.

From : 4/2001

To : 12/2003

Job description : Pricing offers, workshop drawings using AutoCAD for manufacture
department.

Publications

- M. Elhadary, A. Hamdy, W. Shaker, "Effect of fiber bridging in Composites healing" Alexandria Engineering Journal, Volume 61, Issue 4, 2022, Pages 2769-2774, ISSN 1110-0168.
- W. Shaker, T. Awad, M. Elhadary. "The effect of strain rate on unidirectional glass fiber composites in both bridging and non-bridging scenarios" (under review)