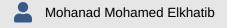
#### **Mohanad Mohamed** Elkhatib



# Personal details



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- 8 Ibn Marzouk -Saba Basha-Alexandria
- September 19th, 1994 :::
  - Egyptian
- in linkedin.com/in/mohanadmohamed-elkhatib-4491ab139

### Skills

Creativity	•••••
Communication	•••••
Team Work	•••••
Problem Solving	•••••
Time Mangement	•••••

### Languages

English	•••••
Arabic	•••••

# **Profile**

Mohanad Mohamed Elkhatib is currently working as an Assistant Lecturer in Mechanical Engineering Department, College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria, Egypt. He achieved his BS. and MSc. degree in Mechanical Engineering from AASTMT, Alexandria, Egypt in 2018 and 2021 respectively. His research interest includes Energy conservation, Renewable energy, Energy building simulation, Buildings Energy management, HVAC and Green Buildings.

## Education

Master of Science - MSc, Mechanical Engineering	Sep 2018 - Nov 2021	
Arab Academy for Science, Technology and Maritime Transport, Alexandria		
Thesis Title: Energy-Efficient Improvements Toward Nearly Zero Energy Buildings		
in Hot-Humid Climate		
B.Sc - Mechanical Engineering	Sep 2013 - Jul 2018	
Arab Academy for Science, Technology and Maritime Trans	sport	
Ranking: 1st on Mechanical Department		
Gpa: 3.99		
Predictive Maintenance	Aug 2017	
University of Central Lancashire, Preston- UK		
International General Certificate of Secondary	Sep 2010 - Jun 2013	
Education (IGCSE)		
Alexandria International School (AIS), Alexandria		
Employment		

Assistant Lecturer Arab Academy for Science, Technology and Maritime Tran	Dec 2021 - Present
<b>Graduate Teaching Assistant</b> Arab Academy for Science, Technology and Maritime Tran	Sep 2018 - Nov 2021 Isport
Internships	
<b>Trainee</b> Ethydco, Alexandria	Jul 2017

Trainee Mercedes-Benz Egypt, Alexandria

Aug 2016

### Certificates

Toefl ITP- Amideast	Nov 2021
International Computer Drivers License (ICDL,) - Arab Academy	Sep 2021
Ventilation, IAQ and Energy Issues in Hot- Humid Climates - Past, Present and Future - ASHRAE	Jun 2020
ASHRAE Building EQ Rating Program - ASHRAE	Jun 2020
EDUCATIONAL PREPARATION COURSE FOR GRADUATE TEACHINGASSISTANTS & LECTURERS - Arab Academy for Science, Technology and Maritime Transport	Sep 2019

### Publications

Effect of Pv Shadow on Cooling Load and Energy Consumption of Zone Toward Achieving NZEB-IOP Conf. Series: Earth and Environmental Science

## **Teaching Experience**

- Thermodynamics 1
- Thermodynamics 2
- Heat Transfer
- Refrigeration & Air Conditioning
- Refrigeration Equipments
- Refrigeration Plant Design
- Renewable Energy
- Applied Heat & Mass Transfer