


Mohanad Mohamed Elkhatib





Personal details


 Mohanad Mohamed Elkhatib


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Alexandria


 September 19th, 1994


 Egyptian


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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 Transport
Ranking: 1st on Mechanical Department
Gpa: 3.99

Predictive Maintenance **Aug 2017**

University of Central Lancashire, Preston- UK

International General Certificate of Secondary Education (IGCSE) **Sep 2010 - Jun 2013**

Alexandria International School (AIS), Alexandria

Employment

Assistant Lecturer **Dec 2021 - Present**

Arab Academy for Science, Technology and Maritime Transport

Graduate Teaching Assistant **Sep 2018 - Nov 2021**

Arab Academy for Science, Technology and Maritime Transport

Internships

Trainee **Jul 2017**

Ethydco, Alexandria

Trainee **Aug 2016**

Mercedes-Benz Egypt, Alexandria

Trainee
Schindler Group-Ksa, Jeddah

Jan 2015

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