

Curriculum Vitae



Personal

Information

Name

Taher Mohamed Aboudeif Ismail

Date of Birth

18 / 3/1986

Place of Birth

Cairo, Egypt.

Nationality

Egyptian

Marital Status

Married

Military status

Exempted

Address

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Purpose

Aspiring for an opportunity of pursuing the academic career, specially in the scientific research field. With such a career I can show and enhance my abilities, commitment, and reliability.

Main research interests: Numerical Simulation (CFD) and investigation of Fluid Mechanics, modeling, Gas Dynamics, and Aerodynamics.

Education and Academic Degrees

Bachelor of Mechanical Power Engineering

Faculty of Engineering - Cairo University
Mechanical Power Department (**May 2008**)

Degree: Excellent (85.68%) with Distinction and honors.

Rank: 4th /350 colleagues

Master of Science in Mechanical Power Engineering

Faculty of Engineering - Cairo University
Mechanical Power Department (**September 2011**)

Graduation Projects

B.Sc.: Air Conditioning system Design and Control for a 1200 beds hospital.
Evaluation: **Excellent**

M.Sc.: Numerical Investigations of Flow Patterns and Thermal Comfort in Air-Conditioned Lecture Rooms
Evaluation: **Excellent**

Current Occupation

Lecturer Assistant and thermo-fluid Laboratory instructor
(Sep. 2008 till now)
Cairo University
Faculty of Engineering
Mechanical Power Department
Thermo-Fluid and Control systems Group

Academic Experience

Working as a Lecturer assistant in:

1. Numerical analysis methods in thermo-fluid engineering systems.
2. Basic Fluid Mechanics.
3. Advanced Fluid Mechanics.
4. Gas Dynamics and aerodynamics.
5. Automatic Control Systems
6. Fine Measurements Laboratories
7. Mechanical Equipment Tests Laboratories.
8. Engineering Economics
9. marketing.
10. presentation skills.
11. Humanities.

Trainings

Previous Summer Trainings in:

1. Cairo Company For Electric Energy Production
(West Cairo steam power station) (From 2-7-2005 to 11-8-2005)
2. Egyptian petrochemicals co. (Alexandria) (From 17-7-2006 to 28-7-2006)
3. Union Air (Cairo) (From 13-8-2006 to 24-8-2006)
4. Atlas Copco Equipments (From 1-7-2007 to 1-10-2007)

Languages

Arabic: Mother Language.
English: Fluent.

Computer Skills

Microsoft Windows and Microsoft Office package
**Mat- Lab, EES, AutoCAD and Solid Works
Fluent, and COMSOL.**

Soft skills

Highly motivated and an excellent team worker.
Very good presentation and Negotiation skills.
Excellent teaching skills and handling Educational systems.

A little about Myself

Very athletic person (previous professional football player)
Participated in many of the social activities for the students betterments at Cairo University.
Member of Egyptian Syndicate of Engineers (**ESE**)
Member of America Society of Mechanical Engineering, Cairo Students Section (**ASME-CSS**).

Work Experience

1. September 2008, to September 2009, part time Design engineer at target company for petroleum services .
 2. September 2009, to October 2011, part time sales and marketing Engineer at amue company for manufacturing water treatment plants .
 3. December 2011, to May 2012, part time HVAC Engineer at allied consultant .
 4. June 2012, till part time lab Engineer and technical manager deputy at measurement and calibration laboratory-faculty of engineering Cairo university .
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Publications

- Taher m. Aboudeif, Essam E. Khalil. " Numerical Investigation of Flow Patterns and Thermal Comfort in Air-Conditioned Lecture Rooms ", *Proceedings of CLIMAMED 2011 Mediterranean congress of climatization, 30 April to 2 may 2012 , Istanbul, Turkey.*

- Taher m. Aboudeif, Essam E. Khalil. " Numerical Investigation of Flow Patterns and Thermal Comfort in Air-Conditioned Lecture Rooms using steady and un-steady techniques ", Proceedings of ICCFD 2013 International Conference on Computational Fluid Dynamics May 15-16,2013 ,Amsterdam, The Netherlands
 - Taher m. Aboudeif, E.M.El-Bialy, Essam E. Khalil. " Air Flow Regimes and Thermal Comfort in a Living Room", Proceedings of CLIMAMED 2013 Mediterranean congress of climatization, 3, 4 October 2013 , Istanbul, Turkey
 - *Taher m. Aboudeif, Essam E. Khalil. " Effects of the Air Supply Outlets Geometry on Human Comfort inside Living Rooms: CFD vs. ADPI ", Proceedings of ICEESD 2014 : International Conference on Energy, Environment and Sustainable Development during August, 7-8, 2014. Amsterdam, The Netherlands.*
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References

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