



Mahmoud Hosny Hassanein Salem

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PERSONAL INFORMATION

- **Date of Birth:** 12 October 1986
- **Place of Birth:** Abu Dhabi , UAE .
- **Gender:** Male
- **Marital Status:** Married
- **Military Status :** Exempted
- **Nationality:** Egyptian

CAREER OBJECTIVE

Completing a PHD student position in a university abroad to enhance & develop my interpersonal & technical skills. To obtain a position in a reputable university to have the opportunity to make a strong contribution to organizational goals and research through continued development of professional skills.

EDUCATION

Arab Academy for Science, Technology and Maritime Transport (2004-2012)

- M.Sc. in **Mechatronics** Engineering Major (2012) - GPA of 3.88/4.0 (Excellent with honor)
(Control Of A Dynamic Vibration Absorber Using A Magneto-Rheological Damper)

Paper Publications:

1-PERFORMANCE OF A DYNAMIC VIBRATION ABSORBER USING A MAGNETO-RHEOLOGICAL DAMPER

2- CONTROL OF A DYNAMIC VIBRATION ABSORBER USING A MAGNETO-RHEOLOGICAL DAMPER

- B.Sc. in **Mechatronics** Engineering Major.
- **GPA** of 3.91/4.0 (Excellent with honor)
- **Rank:** 1st of class.

International School of Choeifat (Abu Dhabi,UAE) (1993 – 2004)

- Obtained High School Diploma (SAT1 , SAT2)

Training and Work Experience

September 2009 – Present **Position:** *General Teaching Assistant*

Company: Arab Academy for Science, Technology and Maritime Transport

Job Description: Obtained a Masters in Mechatronics Engineering. Point of Master is Control of Dynamic Vibration Absorber using Magneto-Rheological Damper.

Responsibilities:

- Responsible for ISO , ABET certifications.
- Obtaining presentation skills and communication skills from work experience.

**August 2008 –
August 2009**

Graduation Project: Wireless Robot Handling Dangerous Material

Responsibilities & Benefits: Working on project made me obtain great practical experience both in mechanical engineering and electric engineering.

Wireless Robot Handling Dangerous Material

- Awarded as Best Graduation Project in Alexandria from CSS (Computer Scientific Society) in 2009
- Entered also Competition of Robocon.

Summer 2008

Position: Process Engineer

Company: Abu Kir Fertilizer Company

Job Description: Worked on production line, supervised entire company process.

SKILLS

Computer Skills:

System Analysis & Design, and Database:

- | | |
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| • Design Embedded Systems & AVR Programming: | Good |
| • AutoCAD: | Excellent |
| • Matlab: | Excellent |
| • Solid Works: | Good |
| • Robotic Design and Programming: | Excellent |

Programming Languages:

- | | |
|--------|-----------|
| • C: | Excellent |
| • C++: | Excellent |

Microsoft Office package:

- | | |
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| • Microsoft Word, PowerPoint, Access, Excel: | Excellent |
| • Microsoft Project: | Good |

Languages:

- Arabic: Mother Tongue
- English: Excellent in written and spoken English (TOEFEL Score **627/670** (2012))

Social EXPERIENCE

- | | |
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| <ul style="list-style-type: none"> • Member of IMEC, ASHRAE.
Being a member of these organizations, certifies my bachelors degree. President of Student Branch of ASHRAE at AAST, obtaining monthly updates on mechanical and refrigeration breakthroughs. | <ul style="list-style-type: none"> • 2008-2009: Member at Aiesec Alexandria [Student Exchange Organization at the Arab Academy for Science and Technology]. |
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INTERESTS AND ACTIVITIES

Soccer, Community Service, Reading, Athletics, and Traveling

References

Furnished Upon Request