



Eng./ Abdullah Ahmed Abdou

Contact

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- **Citizenship :** Egyptian
- **Date of birth :** 12 September 1990

Address

Area 93/ First District/ the New Salahiah /Alsharkiah

Profile

Nuclear engineer

Key Skills

- Research skills.
- Ability to work well in a high paced atmosphere while maintaining attention to detail.
- A pro-active approach to problem identification and resolution.
- Team work capability.
- Written communication skills.
- Representable appearance.
- Proficient with a vast array of programs, concepts and technologies, including:

MCNP

AutoCAD

MATLAP & C++ & Fortran

Microsoft office

Education

- 2012 – up now
 - Postgraduate study (MSc.).
 - MSc. Thesis Title: Quantitative Measurement of Moisture Transport in Porous Filter Using Dynamic Neutron Radiography Technique.
 - Major study of the MSc. thesis: Application of neutron diffraction in materials and detection of light elements.
- 2008 - 2012
 - Graduated from Alexandria University, Faculty of Engineering, Nuclear and Radiological engineering Department.
 - Bachelor of Science from the department of Nuclear and Radiological Engineering.
 - Total Grade: Very Good.
 - 4th in band in the graduation class 2012.
 - Graduation Project: Nondestructive Test (NDT) using Neutrons Radiography Techniques with Grade Excellent.
 - Graduation date: June 2012.

Grade of last two years:

 - ✓ 79.3 % 2011-2012
 - ✓ 82.2 % 2010-2011
- 2007 - 2008
 - Studied at Zagazig University, Faculty of Engineering.

Researches

- | | |
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| Research paper | <ul style="list-style-type: none">• Analysis of Tritium Production in OPAL Reactor for the Needs of Fusion Research Reactors. (NOT FINISHED YET) |
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Current job

MSc. Student And Researcher at Alexandria University

Summer Internship

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| ➤ The Advanced Summer School by JINR (The Joint Institute for Nuclear Research) in Dubna, Moscow Oblast Russia. | 2016-2017 |
| <ul style="list-style-type: none">• Working in detection of Neutron emission from spontaneous fission of heavy elements at the Flerov Laboratory of Nuclear Reactions. | |
| ➤ Egyptian second Research Reactor ETRR 2. | 2011-2012 |
| ➤ Egyptian first Research Reactor ETRR 1. | 2010-2011 |

Interests

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|-----------|--|
| interests | <ul style="list-style-type: none">• X-Ray and neutrons Determination of the Structure of Matter.• Accelerators and high energy physics.<ul style="list-style-type: none">➤ Detection of neutrons and fission fragments from spontaneous fission of heavy elements.➤ Production of expensive and rare elements from accelerators and research reactors.• Heat transfer and Environmental Engineering.• Reading Arabic literature books and poems. |
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Qualifications

- Advanced knowledge of Nuclear physics, Modern Physics and heat transfer courses.
- Advanced knowledge of accelerators and high energy physics.
- Strong background in engineering, physics and mathematics.
- ASME Code Engineering experience in field of QA/QC.

Training and courses

- | | |
|---|--|
| NDT Inspector
Level (ii)
ASNT Certification | <ul style="list-style-type: none">• Ultrasonic Testing.• Radiographic Testing.• Visual Testing.• Magnetic Particle Testing.• Liquid Penetrant Testing. |
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Military service Status

✓ Complete the Military service

Languages

Arabic (native)

English (fluent)