






Ahmed SHAMIKH

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 40, Giovanni Berchet, 56017 Pisa, Italy

 Jan 1987, Male, Egyptian

Ahmed is a safety engineer with +4 years of experience. He received his Bachelor degree (BSc. in Nuclear and Radiation Engineering) and MEng in Nuclear Power Plant Safety in 2010 and 2012 respectively. Experienced in nuclear safety, industrial safety, thermohydraulics, and multi-physics. Currently working on Cobra-TF thermal-hydraulics code validation with university of Pisa while actively looking forward to finding a job opportunity in Europe in my areas of expertise.

COMPETENCES

Programming	Matlab, Fortran, Python, Java-Script
Frameworks	Cobra-TF, NSYS-CFD, Microsoft Office
OS	Windows, Unix/Linux

EXPERIENCE


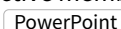



Current Sep 2015	Nuclear Engineer , N.I.N.E (NUCLEAR AND INDUSTRIAL ENGINEERING), Lucca, Italy > Nuclear experimental facility calculations for thermohydraulic code validation.
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
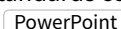



August 2015 April 2014	EHS Site Manager , SIEMENS ENERGY, Cairo, -Egypt > Executed 7 major power plants outages projects around Egypt for SIEMENS AG. > Managed the HSE (Health Safety Environment) system in accordance with the applicable policies, standards, and legislation. > Developed training and toolbox talks incorporating the Health and Safety policies and procedures according to Siemens and their clients. > Implemented HSE management systems that improved reporting, trend analysis, continuous improvement and best practice development.
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Feb 2014 Dec 2012	Safety Trainer , CENTAMIN (SUKARI GOLD MINE), Marsa Alam, Egypt > Conducted a research project on the ergonomic hazard associated with the mining activities. > Composed instructional awareness, including; site inductions, training handbooks, demonstration models, multimedia visual aids, and reference works. > Delivered training sessions for the workforce to introduce the work safety protocols and guidelines i.e Fire Fighting, working at height, chemical handling, safety reporting system, and safety analysis. > Supported on site ongoing development by delivering training and instructions. > Recorded weekly and monthly training reports > Active member of the emergency response team
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Oct 2012 Oct 2011	Occupational Health and Safety Specialist , TRANSPORTATION GLOBAL LOGISTICS, Alexandria, Egypt > Helped the company in acquiring safety and environmental management system certificates (OHSAS 18001:2007 & ISO 14001:2004). > Maintained safety protocol to match with the petroleum safety standards for SHELL inc. company. > Designed, patched, and updated emergency response plans and procedures. > Inspected and evaluated workplace environments, equipment, and best practices, in order to ensure safety > standards compliance and national governmental regulations.
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Oct 2012 Jan 2011	Lab Engineer , NUCLEAR AND RADIATION ENGINEERING, Alexandria, Egypt > Assisted students in performing experiments. > Prepared, conducted, and taught nuclear physics experiments and designed experiments manuals.
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EDUCATION

- 2015-Current Master of science in Nuclear Engineering
University of Pisa, Italy
Thesis: *Coupling between Thermal -Hydraulics Subchannel Code and Coarse-Mesh Neutronic code*
- 2010-2012 Master of Engineering in Nuclear Engineering.
Alexandria University, Egypt
- 2004-2010 BSc. Nuclear and Radiation Engineering
Alexandria University, Egypt
Thesis: *Seismic Stress Analysis on the chosen site of the new Egyptian Power Reactor.*

TRAINING & WORKSHOPS

- TRAINEE, COBRA-TF MAR 2019
 <http://www.nineeng.com/courses/cobra-tf-beginner>
- ORGANIZER, BEPU 2018 MAY 2018
 <https://www.nineeng.com/bepu>
- TRAINEE, URS JAN 2014
URS Egypt training course entitled Basic Food Safety).
- TRAINEE, URS DEC 2013
URS Egypt training course entitled HACCP Training Course).
- TRAINEE, I-LEARN INSTITUTE – EGYPT MAY 2013
Train of the Trainer Diploma).
- TRAINEE, ALEXANDRIA FIRE INSTITUTE – EGYPT) SEP 2012
Fire Fighting Training.
- TRAINEE, OSHA ACADEMY SEP 2011
→ Occupational health and safety Diploma
→ Safety supervision and leadership.
→ Introduction to ergonomics, energy control program -lockout & tag out.
→ Job hazard analysis, Hazard communication program, Hazard analysis and control.
→ Introduction to OSH Training.
→ Effective accident investigation, Effective safety committee operation, introduction to safety management.
- TRAINEE, DABAA'S NUCLEAR SITE FEB 2009- FEB 2010
The Egyptian Nuclear Stations Authority Simulator of Nuclear power plant in El Dabaas Site operating program).

LANGUAGES

English <i>Fluent</i>	Italian <i>High Working Proficiency</i>	Arabic <i>Native</i>
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