

# ALI MOHAMMED ALI MOHAMMED ZAIN



## Contact

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house No. 135

in <https://www.linkedin.com/in/ali-m-zain-a29195198>

## Personal Details

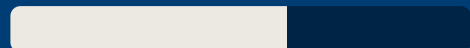
Date of Birth : 1/1/1982

Marital Status : Married

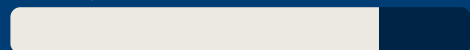
Nationality : Sudanese

## Skills

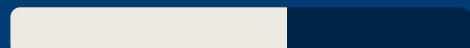
English Language 60%



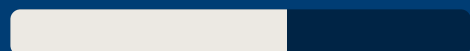
MS OFFICE (WORD , EXEL , POWER80%  
POINT)



MS PROJECT 60%



Primavera P6 60%



CAD SOFTWARE (AUTOCAD & MDT80%



CAD SOFTWARE (TOP SOLID) 80%



CAD SOFTWARE (SOLID WORK) 80%



## OBJECTIVE

Seeking for opportunity with continuous growth and challenging position to utilize my skills and abilities .

## EDUCATION

**Sudan University of Science and Technology (SUST)** 2018

Ph. D in MECHANICAL ENGINEERING

**Karary University- Sudan** 2010

M. Sc in MECHANICAL ENGINEERING

**University of Khartoum U of K** 2005

B. Sc in MECHANICAL ENGINEERING

**Dreams Tower Computer** 2006

AUTO CAD

6 Weeks

**Tafra Engineering Co.** 2008

Top Solid

4 Weeks

**Qualifies Organization** 2010

CATIA V5

12 Weeks

**Hitech Consulting & Engineering** 2010

ANSYS-AUTODYN

5 Weeks

**University of Belgrade - Serbia** 2010

Electronic & Mechanical Devices Design & Simulation

5 Weeks

**Brain POWER Center** 2012

Projects Management Professional (PMP)

4 weeks

**International Center for Quality (ICQ)** 2012

Supervision Management

1Week

**Thai German Institute TGI- Thailand** 2013

NX 8.5

8 Weeks

**Gate Keeper** 2014

PRIMAVERA P6

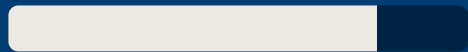
1 Week

**International Center for Quality (ICQ)** 2014

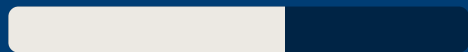
Effective Management Communication

1 Week

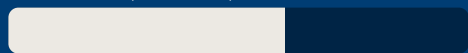
ANALYSIS SOFTWARE (ANSYS  
AUTODYNE) 80%



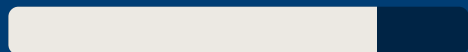
ANALYSIS SOFTWARE (ANSYS  
FLUENT) 60%



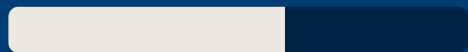
MATLAB (General) 60%



MATLAB (GUI) 80%



MATLAB (Optimization Toolbox) 60%



University of Zenica - Bosnia & Herzegovina

2017

Heat Treatment

8 Weeks

Tafra Engineering Co.

2018

Advanced Industrial Design

2 Weeks

Advanced Training Center - University of Khartoum

2019

System & Methods of University Teaching

1 Week

Advanced Training Center - University of Khartoum

2019

Measurement & Evaluation

1 Week

## EXPERIENCE

Diesel Generator Company (DGC)

Oct 2005

Maintenance Engineer

-

Maintenance engineer for electricity generators

Aug. 2006

Marble Engineering Company (MEC)

May

Mechanical engineer

2007 - up

Production, Quality and Design engineer & Researcher

to now

Almanara University College (MUC)

Nov.

Assistant Professor (Part time)

2019 - Up

Teaching Thermopower subjects & Operatio research in  
mechanical engineering department

to now

## PUBLICATION

### OPTIMIZATION OF SHAPED CHARGE PARAMETERS FOR OIL WELL PERFORATION

Ali Zain, E. E. A. M. 2018. EUROPEAN ACADEMIC RESEARCH.

### SIMULATION OF 85 MM SHAPED CHARGE JET TIP VELOCITY AND PENETRATION

ALI ZAIN, E. Musa. 2017. International Journal of Engineering Sciences  
Paradigms and Researches (IJESPR), 44.

### EFFECT OF DEFORMATION AND HEAT TREATMENT ON MICROSTRUCTURE OF WARM ROLLED STEEL IN ALPHA-GAMMA AREA.

Omer Beganović, Belma Fakić, Ali Zain, Faik Uzunovic.

2018, 12 th Scientific/Research

Symposium with International Participation „Metallic and  
Nonmetallic Materials“ B&H, 19-20. April 2018, At Vlačić,  
Bosnia and Herzegovina.

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## RESEARCHER DETAILS

### Google Scholar

URL: <https://scholar.google.com/citations?user=kDjGjCcAAAAJ&hl=en>

### Research Gate

[https://www.researchgate.net/profile/Ali\\_Mohammedzain](https://www.researchgate.net/profile/Ali_Mohammedzain)

### ORCID

0000-0002-3723-3081

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## REFERENCE

### Dr. Emadaldin Alhadi - "Faculty of Engineering, Karrary University"

Associate Professor  
0024117743661

### Sabir Abushosha - "Faculty of Engineering, Omdurman Islamic University"

Assistant Professor, Dean of Faculty of Engineering  
00249123740970

### Dr. Abdalla Mohamed - "Faculty of Engineering, Nyala University "

Assistant Professor, Dean of Faculty of Engineering  
00249124442285