

Rana Ammad Sadaqat

Mechanical Engineer

To achieve excellence in career through constant struggle and work in a goal oriented environment and contribute positively in engineering profession. Also want to apply and groom professional skills and abilities in your professional atmosphere.



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WORK EXPERIENCE

Wireline Intern Schlumberger Seaco Inc.

08/2017 – 09/2017

Sukkur, Pakistan

Tasks:

- Performed FIT 1, FIT 2 and TRIM checks.
- Made Rope Socket and Weak Point.
- Assisted in Calibrating CMTD (cable mount tension devise) and IDW (Integrated Depth wheel).
- Changed the Fuel, Oil and Air filter of Renault Truck (logging unit).
- Delivered Presentation on HRLA (high resolution laterlog array) Tool.
- Assisted with Operators on various daily tasks.

Intern in Production and Asset Dept. Premier Oil plc.

07/2016 – 08/2016

Islamabad, Pakistan

Tasks:

- Gained good theoretical knowledge of Drilling, Well Completion and Production in Oil & Gas industry.
- Analyzed the daily reports of kadanwari well.
- Managed JV's (journal voucher) in their Finance Department.

EDUCATION

BSc in Mechanical Engineering with honors University of Engineering and Technology, Taxila

10/2014 – 08/2018

CGPA: 3.63/4.00

Intermediate in Pre-Engineering-HSSC Bahria College, E-8 Naval Complex, Islamabad

07/2012 – 07/2014

Marks: 945/1100

Matriculation-SSC Bahria College, E-8 Naval Complex, Islamabad

06/2010 – 06/2012

Marks: 903/1050

SKILLS

CREO (PRO-E)

AutoCad

MS Office

C / C++

ANSYS

MATLAB

LabView

Arena

PROJECTS

Design of Zinc Alloy wheel

- Designed the Zinc alloy rim using design modular and then performed its static structural analysis using ANSYS workbench 17.0

Ball Beam Balance:

- Used Arduino and PID Controller to balance the ball at its mean position that is the center point of beam.

Enhancement of Thermal Conductivity of Paraffin Wax (Final Year Project)

- Designed Data logger using Arduino to measure the thermal conductivity.
- Added Graphite in Paraffin wax and later its alignment using a neodymium magnets.
- Increased the thermal conductivity of Paraffin/ Graphite composite by 300%.

ACHIEVEMENTS

Got Benevolent Scholarship. (06/2012 – 07/2018)

Got PAEC Foundation Scholarship. (06/2014 – 07/2018)

Got 3rd Position in Pre-Engineering at College. (2014)

Participated in Science marathon and DBFC 12 (design, build and Fly competition held at Ghulam Ishaq khan Institute of Engineering Sciences and Technology. (10/2017)

Awarded with the 2nd best project in open house UET Taxila 2018.

LANGUAGES

English



Urdu



INTERESTS

Football

Badminton

Table Tennis

Travelling