

**Name**  
**Address**  
**City, State Zip**  
**555-555-5555**  
**youremail@patriots.uttyler.edu**

## **OBJECTIVE**

To obtain a position in mechanical design where there is a need for an individual with the ability to design and analyze complex mechanical problem to achieve effective results.

## **QUALIFICATIONS/SKILLS**

Mathcad	AutoCAD	Pro-Engineer
Solid Edge Assembly	Draft & Part	Autodesk Algor Simulation Professional
LabView	MATLAB	Microsoft Office Suite

## **EDUCATION**

The University of Texas at Tyler, Tyler, Texas, 2014.

### **Bachelor of Science**

**Major: Mechanical Engineering**, GPA: 3.93/4.0

Coursework: Linear Circuits Analysis, Design Methodology, Dynamics of Machinery, Fluid Mechanics, Materials & Manufacturing, Mechanical Engineering Lab, Mechanical Systems Design, Mechanics of Materials

## **WORK EXPERIENCE**

ABC , Tyler, Texas, Summers 2010-present.

### **Engineering Assistant**

- Researched oil & gas records on MSOGB, TGS-NOPEC, IHS Energy & RRC Websites
- Performed production data retrieval and analysis
- Developed and reviewed geological prospects
- Evaluation of oil and gas production, injection, and disposal prospects
- Created production and structure maps with stratigraphic cross-section diagrams

## **DESIGN PROJECT**

Designed a prototypical gear box for a pump-jack. Designs for the gears, shafts, bearings, keys, weakest link, and lubrication system were included. Reaction loads, shear and bending moments, endurance strengths, stress concentration factors, and factors of safety were all calculated. In addition, CAD models of the gears, shafts, and keys were created using Solid Edge V16.

## **AFFILIATIONS**

- American Society of Mechanical Engineers (ASME)
- Society of Automotive Engineers (SAE)
- Society of Piping Engineers & Designers

## **REFERENCES**

Name 1, Position, Company, (903) 555-5555  
Name 2, Position, Company, (903) 555-5555  
Name 3, Position, Company, (903) 555-5555