

EDUCATION

Louisiana State University (LSU), Baton Rouge, LA
Bachelor of Science in Petroleum Engineering.

May 2024

EXPERIENCES

Pinnacle, Houston, Texas

June 2023 – August 2023

Engineering Internship

Valero Port Arthur

- Worked with the risk software used for Valero, Port Arthur (PCMS)
- Applied API codes and standards to reliability task work (API 510, 570, 571, 574, 580, and 581)
- Enhanced more than 1200 evaluations within the software for managing inspection data
- Investigated over 2000 failure events to assure the predicted models are being represented accurately
- Completed project deliverables and tasks such as organizing and verifying technical data using data software
- Recognized inefficiencies and facilitated innovation that resulted in significant improvements
- Retrieved and validated technical information, including temperature and pressure from sources like piping and instruments' diagrams

Student Engineer

LSU Petroleum Engineering Research and Technology (PERTT) Laboratory

April 2021- May 2023

- Performed routine PERTT Lab operations, including:
 - Inspection, maintenance, repairs of valves, piping, and instrumentation system
 - Light fabrication and modification on various metals and finishes of experiment apparatus components
- Identified failure mode and causal analysis, root cause analysis on piping/ flanges of multiple lengths, diameters and thicknesses
- Provided support to LSU courses, research endeavors, and industrial clients by utilizing system apparatus and machinery associated with full-scale testing
- Communicated effectively and worked directly with supervisors, LSU faculty, and industry representation in order to meet project deadlines
- Operated a wide range of hand, electric, gas, pneumatic, and hydraulic power tools
- Maintained a clean, safe, and efficient environment in an industrial workplace setting

Office Manager

Pit Stop Tire & Car Care, Baton Rouge, LA

Sept. 2018 – April 2021

- Planned and executed daily workload for the workshop
- Created customer data, scheduled service appointments and worked on vehicle data
- Examined and authenticated customers' concerns and complaints
- Generated detailed assessments with meticulous attention to detail, and secured client endorsements

CERTIFICATIONS

- Oil and Gas Safety Management Certification Course
- *OSHA Academy Training*
- Climate change & Energy transition Course (SPE)

ACTIVITIES

- Society of Petroleum Engineers (SPE)
- Social chair at the American Association of Drilling - **LSU chapter**
- LSU Middle Eastern Student Association (MESA)

SKILLS

- **Computer:** Microsoft Office – Python – Drill SIM
- **Languages:** Arabic – English