

## **PERSONAL STATEMENT:**

To transform my science and mathematics education into hands-on skills to solve problems in the field. Good at Project management and Group work. Great in serving people and communicating with Partners. Possess excellent leadership capabilities.

## **Education:**

*Texas A&M University*

B.S. Petroleum Engineering

Expected Graduation Date: December 2024

## **Skills:**

- Reserve estimation and project management skills
- Excellent communication skills
- ESP designing (AutographPC)
- Excel and PowerPoint specialist
- Python programming and SolidWorks designing skills
- CFD simulation (Ansys & CONVERGE studio)
- CMG reservoir simulation proficiency
- Drilling Info, Kappa, & Spotfire skills

## **Experience:**

*Baker Hughes – R&D Drilling & Completion Fluids Intern*

*(May 2024 – August 2024)*

- Conducted CFD simulations to validate a newly developed equipment as an in-line/downhole drilling fluid rheology measuring tool.
- Designed multiple geometries of the equipment and lab-tested it with Newtonian and non-Newtonian fluids to observe torque, and shear stress changes at different RPM rates.

*Baker Hughes – Engineering Artificial Lift Systems Intern*

*(May 2023 – August 2023)*

- Developed a comprehensive ESP teardown tracker sheet by consolidating over 2,000 teardown records from diverse Permian operators in collaboration with Reliability Engineers.
- Conducted in-depth analysis of ESP failure causes and run life across multiple field areas, leading to the identification of prevalent equipment challenges. Proposed effective solutions based on findings.
- Collaborated with Application Engineers on ProductionLink and APC to design and monitor ESP performance.

*Chord Energy – Land Intern*

*(June 2022 – August 2022)*

- Land lease document identification and categorization of over eleven thousand documents in preparation for consumption through the AI lease provision system.
- Indexing and inventorying over three hundred boxes that were a result of a 745 million dollar acquisition.
- Data entry into the Ertia system cross reference information to easily find documents through a barcoding system implemented to keep track of documents.

*Magellan Midstream Partners – Field Intern*

*(June 2021 – August 2021)*

- Replaced petroleum pipeline filters, pressure washed equipment, and cleaned oil spills and valves to maintain operational efficiency.
- Climbed and inspected tanks to assess pressure, temperature, and depth for accurate monitoring.
- Collected and analyzed samples of diesel, crude oil, and various gas products in the laboratory using specialized equipment.
- Collaborated with truck rack operators to offload gas trucks and handled heavy pipes in support of operations.

## **Leadership position:**

*Hullabaloo U Peer Mentor (August 2021 – December 2021)* – Mentored and counseled freshman students to foster their integration into the Texas A&M University community and equip them with the tools for academic success. Provided guidance on managing course loads and effective exam preparation strategies.

## **Activities:**

*American Association of Drilling Engineers (2024)*

- Industry Experience Co-director: Organized two different field tours with two service companies to give students a bigger exposure to the oil & gas industry.
- Outdoors director: Coordinated tailgates with the Society of Petroleum Engineers during the football season and secured sponsorships from various organizations for each event.

*International Association of Drilling Contractors (2024)*

- Secretary: Responsible for managing the chapter's documentation, communications, and records.

## **Certifications:**

- International well Control Forum certificate (2021)
- H2S Basic Safety Training Certification (2023)
- Word expert specialist certification (2019)