

Andrew G. Smith

College Station, TX | 713-857-4138 | ags2021@tamu.edu | United States Citizen

EDUCATION

Texas A&M University, College of Engineering

*Bachelor of Science, Petroleum Engineering – GPA: 3.1
Geology Minor*

College Station, TX
Graduation date: May 2022

Texas A&M Engineering Experiment Station Bachelor's Plus+ Welding Program

Texas State Technical College, Occupational Skills Award, Basic Welding – Multiple Processes

Waco, TX
Summer 2021

- Earned 384 Professional Development Hours for the completion of the Basic Welding-Multiple Process.
- Welded to pass structural and pipe exams in the 1G-4G positions with SMAW, MIG, and TIG welding processes.

EXPERIENCE

H-E-B Grocery

Customer Service Representative / Checker – 6 years

Pearland / College Station, TX
January 2016 - Current

- Demonstration of excellent communication skills, customer service, conducting sales on POS terminal, and managing a till.

Drilling Rig Tours

Decommissioned semi-submersible drilling rig tour & live drilling rig tour

Galveston, TX & Burleson County, TX
October 2019 / December 2018

- Learned about drilling floor, drillers cabin, main control room, engine room, pump room, generator room and safety procedures used while operating the ENSCO (VALARIS) 8500 Series DP-2 Semisubmersible Rig.
- Toured an operational drilling site with Patterson-UTI Drilling, learned about procedures and equipment used while drilling.

PROJECTS AND LAB EXPERIENCE

PETE 321 – Carnack Formation Evaluation Group Project

2021 Spring Semester

- Utilized data from well logs to evaluate the petrophysical properties and estimate OOIP for the Carnack formation in the Maracaibo Basin.

PETE 325 – Perdido Production Engineer Design Group Project

2021 Spring Semester

- Developed and presented a thorough production analysis by studying data from the Great White field in the Gulf of Mexico.
- Forecasted future production using a history match and mass balance equations with VBA in Excel.
- Identified possible flow assurance issues and developed solutions for fixing these issues.

PETE 353 – Special Project Number 2

2020 Fall Semester

- Created a program in Excel that performs Arps's decline curve analysis and estimates reserves based on production vs. time data.
- Incorporated cash flow models to help guide economic decision making for petroleum projects.

ORGANIZATIONS

Pi Epsilon Tau – International Petroleum Engineering Honor Society

Secretary & Current Member

College Station, TX
January 2021

Society of Petroleum Engineers

Director of Student Mentorship, Member Since 2019

College Station, TX
September 2020

- Mentor underclassmen engineers at Texas A&M who want a career in oil and gas.
- Planned and facilitated several social events for mentors and mentees.

American Association of Drilling Engineers

External Outreach Co-Chair, Member since 2019

College Station, TX
September 2020

SKILLS AND INTERESTS

- **Technical Skills:** MS Excel, MS Office, Python (pandas, NumPy, xlwings, Matplotlib), Interactive Petrophysics, Mud Ware, Techlog, MATLAB, built my first computer in the 8th grade.
- **Hobbies:** Offshore fishing in the Gulf of Mexico, waterfowl & deer hunting, hiking.