

Michael Horne

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Education

Bachelor of Petroleum Engineering (Texas A&M, In Progress)

Graduation Date: May 2025

GPA: 2.9

Experience

Precision Well Logging | Mud logger and Sample Catcher | 2023 & 2024 | Summer Internship

- Worked with the industry standard gas collection system in both oil-based and water-based mud wells and presented results to company men and geologists.
- Collected, processed, and analyzed rock samples for industry research.
- Worked with drilling teams to ensure kicks are fully relieved to ensure the safety of rig workers.

Leadership

SPE Texas A&M Student Chapter | Media Co-Chair | 2023 - 2024

- Edit and set up media posts to catch attention and pull good publicity toward the SPE Texas A&M Student Chapter.
- Worked with the sitting directors to increase the attendance at general meetings and specific career events such as the *Career Enhancement Event*.

SPE Texas A&M Student Chapter | Academic Development Committee Member | 2024- Present

- Help set up and creation of flyers to accurately display information about meetings
- Work with separate committees to communicate with professors to help with other students and their studying for exams

Projects

Numerical Methods (PETE 301) | 2D Reservoir Pressure Simulator (2023)

I spent 40 hours over the course of 10 days with a partner building a reservoir simulator tracking the pressure flow of a producing reservoir. This project took many inputs and variables in Python and used them to create and graph the pressure in the reservoir. This project, although rudimentary allowed me to see the use of pressure mapping and helped me to understand the fine-tuned details in the creation and use of reservoir simulation software.

Skills

Software: Excel, Python, Mainlog

Professional:

Teamwork: I have worked on projects with groups ranging from a single partner to 10 different people. No matter the size of the group I will help move along productive ideas and add my own when necessary.

Leadership: Although it is not my favorite position to be in, I can assume the role of leader and delegate tasks, as well as meet deadlines, I have practiced this in my collegiate group projects with varying degrees of success, though I am always striving to do better.

Certifications

- 10 Hour OSHA Certification
- ISTC Safety Training



LinkedIn Profile