

Brett M. Alner

| C: (832) 762-1361 alner.brett1997@tamu.edu

Education

Texas A&M University, College Station, TX **Anticipated Graduation December 2022**
Bachelor of Science in Petroleum Engineering
GPR: 3.91 GPA: 3.62

Experience

TC Energy **May 2021- Current**

Ops Planning West Intern/ CO-OP

- Created a model for gas storage field balances for gas control
- Developed a project staffing model to predict man hours and personnel required
- Utilized machine learning and data analytics to optimize the storage plan and field priorities
- Applied RPA to automate manual tasks such as “flipping” monthly gas storage sheets, comparing and updating SharePoint and excel files

TA for Phys/Engr Lab **August 2020- January 2021**

Undergraduate Teaching Assistant

- Taught students’ physics and engineering concepts pertinent to each lab
- Assisted students with the setup and programming of each lab

Radarview LLC **May 2019 – August 2019**

Intern

- Applied Ground Penetrating Radar (GPR) to scan buildings to find internal structures as well as underground utilities or pipelines
- Tested concrete samples and soil levels for stability
- Created reports with 3D mapping and imaging

Apache Industrial Services **January 2018 – August 2018**

Quality Control Assistant / Project Manager Assistant

- Improved quality control through inspecting lines and filling out all the associated paperwork
- Worked closely with the Project Manager tracking project completion
- Received, prioritized and tracked shipments, walk lines, and packets

Activities + Interests

Society of Petroleum Engineering **Spring 2020 – Present**

Tailgating Committee Co-Chair

Career Enhancement Event Member

American Association of Drilling Engineers **Spring 2020 – Present**

Interests

Auto mechanics, fishing, BBQ, cooking and sports

Skills

-
- Microsoft Office Suite, VBA
 - Basic Python, and Machine Learning
 - Power BI, P360
 - PI, PI Vision, PI AF
 - SCADA, CMG, CMS
 - Power Automate (RPA)