

Jack Haverland

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EDUCATION

Texas A&M University College Station, TX | Graduated May 2024

Bachelor of Science in Petroleum Engineering

WORKING KNOWLEDGE

Technical Skills: Microsoft Excel, Python, Spotfire, Interactive Petrophysics, ComboCurve, CoViz 4D

Activities: AADE, SPE, AACE

INDUSTRY WORK EXPERIENCE

ATS Drilling, Ft. Worth, TX

June 2023 – August 2023

Engineering Analyst Intern

- Collaborated with experienced engineers to analyze shallow drilling project viability using Excel.
- Engaged in weekly operational updates throughout cross functional team meetings.
- Reviewed abutment schematics, analyzed drilling diameters required, and calculated total planned cost.
- Worked offshore to observe drilling for a bridge extension project in Lake Ray Hubbard.

PROJECTS AND CERTIFICATIONS

International Well Control Forum Level 1 Certification

- Developed an understanding covering drilling rig operation, how well complications occur, the potential dangers, and well kick prevention.

Complete Geological Analysis and Resource Evaluation of the Permian Basin Wolfcamp A-D

- Developed a proposal for the installation of 20 horizontal wells through evaluating the full unconventional resource potential of the provided university lands data package.

Project Analysis of the Brugge Field with 3D Stratigraphy

- Developed and employed CMG modeling of the Brugge Reservoir for locational analysis, economic justifications, and to complete a full understanding of profitability.

Usage of Differing Machine Learning Methods to Optimize Fluid Production

- Random Forest Regressor, Gradient Boosting, Elastic Net, Multiple Linear Regression, and Artificial Neural Net were coded in Python ML to improve oil production.

Competed in the Joe B. Foster '56 Student Paper Contest at both the Junior and Senior Level

- Presented project on Modern Decline Curve Analysis Methods and limitations of the Arps Equation to peers and a panel of experts.

NON-INDUSTRY WORK EXPERIENCE

Chipotle Grill, Dallas-College Station, TX

May 2021 – May 2024

Front/Back Kitchen Operator and Customer Service

Macy's, Denton, TX

December 2020 – January 2021

Customer Service Representative

REFERENCES AVAILABLE UPON REQUEST