

Royce Crenshaw

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DATA ENGINEER

Detail Oriented, Hands On, Always Curious & Always Searching

Self-taught data analyst with petroleum engineer experience. Accomplished in quickly learning new skills and team-player willing to work with multi-disciplinary groups to meet priorities and objectives. Skilled in data acquisition, analysis, and modeling, and communicating findings in simple manners.

Python | PostgreSQL | Pandas | Seaborn | Machine Learning | scikit-learn | Java
Data Modeling | Microsoft VBA | MS Office | Technical Writing | Presentations

PROFESSIONAL EXPERIENCE

HALLIBURTON, San Antonio, TX

2017 – 2019

Production Enhancement Engineer

Monitored, troubleshoot, and provided support for hydraulic fracturing treatments. Supplied guidance to any team member during and after job execution.

- Collaborated with multi-disciplinary team, executing hydraulic fracture stimulations while ensuring that all health, environment and safety policies were followed.
- Mentored incoming engineers on data acquisition, theories of rock mechanics, and pressure trends, ensuring job quality across region.
- Accurately collected data and documented hydraulic fracture operations, providing notes and processes for customers to refer back to on future design considerations.

Associate Technical Professional

2017–2018

Developed skills in fracture modeling, diagnostic fracture injection tests, and fracture fluid chemistry.

- Obtained extensive knowledge of unconventional resource plays, providing higher-quality recommendations for customers making better decisions.
- Increased understanding of real-time data acquisition, relaying data in concise and appealing reports.
- Provided technical presentations to peers, demonstrating understanding of fracture mechanics and chemistry.

CONROE HIGH SCHOOL, Conroe, TX

2016 – 2017

Math Teacher

Established clear objectives for lessons, units, and projects and communicated those to 135 students.

- Conferred with parents or guardians, counselors, and administration, understanding student's poor academic performances and providing alternate methods of success.
- Attended standards meetings and served on committees when requested, allowing students to have access to fair education.
- Mentored and supported students after school activates by cheering and advising students at after-school events.

MARK L. SHIDLER, INC., Houston, TX

2015–2016

Production Analyst

Monitored operations of compressor fleets and producing wells. Maintained records of production.

- Assisted in plans for rework processes, improving production in aging wells.
- Developed facility diagrams, improving re-work processes.

EDUCATION

Bachelor of Science (BSPE), Petroleum Engineering, University of Houston, Houston, TX

2016