

Royce Crenshaw

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SOFTWARE DEVELOPER

Detail Oriented, Hands On, Always Curious & Always Searching

Self-taught software developer with petroleum engineering experience. Accomplished in quickly learning new skills and working with multi-disciplinary groups to meet priorities and objectives. Skilled in data acquisition, analysis, and modeling. Able to communicate findings in simple manners.

Python | PostgreSQL | Pandas | Seaborn | Git | Django | Bash | Java
Data Modeling | Microsoft VBA | MS Office | Technical Writing | Presentations

PROFESSIONAL EXPERIENCE

HALLIBURTON, San Antonio, TX

2017 – 2019

Production Enhancement Engineer | 2018–2019

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