

## Geology Experience

Analyzed complex geophysical problems and develop techniques or solutions for resolving complex problems. Evaluated geophysical data and presents results to management or other geophysical personnel to clearly define certain geophysical procedures, or that would illustrate specific techniques for the solution of various interpretive problems. Functioned as a senior geophysical representative in meetings with technical personnel, and critiqued the work of contractor geophysicists to ensure that the best techniques available were being employed throughout projects. Consistently kept up to date on new geophysical technology by reading technical journals, attending technical meetings, or through outside professional contacts.

### Key contributions:

- Provided operational support roles, including well log interpretation and generation of synthetic well ties
- Integrated seismic, well log interpretation, and generated synthetics to support construction of geological model in conjunction with reservoir team.
- Mapped interpretation and volumetric calculations, including probabilistic quantification of uncertainty and communications to team.
- Generated frequency volumes, amplitude extractions, time-depth relationships, fluid and lithology volumes, and synthetic gathers for well to seismic ties.
- Developed novel algorithm for proportional horizon slicing using Halliburton PowerCalculator based on existing data.
- Participated in post-project evaluations: lessons learned, profitability, best practices, highlights.
- Developed formal specifications and rollout training program for interpretations procedures and data requirements.
- Facilitated onsite expertise, support, ongoing training, and lunch and learns for all project team members for all Halliburton software.
- Administered technical on-boarding for new team members.
- Computed synthetic seismic gathers.
- Generated fluid and lithology volumes.
- Generated time-depth relationships.
- Generated synthetic seismograms for well to seismic ties.
- Generated frequency volumes and amplitude extractions.

## PROFESSIONAL PROFILE

A bilingual (Portuguese & English) goal-oriented professional with a background in geology, geoscience, geotechnical digital solutioning, and consulting. Strong ability to influence with problem solving skills, especially focused on finding digital solutions to geological problems. An engaging and inclusive contributor who takes ownership for a team's ability to maximize its productivity, growth, and development. Analytical and collaborative team with exceptional communication, interpersonal, and relationship management skills. Skilled at effectively working through ambiguity and strategically planning to advance outcomes.

## CORE COMPETENCIES

Deep Water Exploration Geoscience

Digital Solutions for Engineering, EPC, Mining and Minerals, & Geology

Oil Services

Gap Analysis & Requirements Gathering

Digital Maturity Strategy

Cross-Functional Coordination

Team Leadership

Project Management

Culturally Aware

Relationship Management

Negotiations

Marketing & Communication

Contractor Management

Human Resources

Risk Management & Risk Mitigation

Staff Training

Consulting

## Digital Experience

Provided a comprehensive range of data, products, services, and solutions that supported clients to achieve their business and transition goals, delivering information around new technology to understand and solve the world's natural resources and challenges. Supported clients' digitalization programs with expert geoscience data transformation and management services, as well as the latest digital technology applications for geoscience data and cloud solutions for data delivery. Worked alongside geoscience experts to analyze geological data workflows and develop dynamic data-driven improvements. Drove the development and implementation of technologies and efficient workflows to extract, transform, load, manipulate, explore, analyze, report, and visualize data for various geological projects.

### Key contributions:

- Coded upstream-based workflows to automate processes in drilling, production, reservoir, and facilities.
- Managed customer engagement teams to implement, test, and support the geological applications in accordance with agile principles.
- Facilitated training covering field development, drilling and completions engineering, well intervention solutions and digital technologies to local energy employees and students.
- Worked with technical SMEs to develop an end-to-end suite of workflows that allowed a complete and connected geoscience solution.
- Supported the full suite of Halliburton's Exploration and G&G software.
- Directly interfaced with Halliburton product development teams to communicate issues and customer suggestions.
- Assisted in the development and deployment of new digital Learning Management System.
- Helped establish an enterprise key risk indicator dashboard for Management and Assurance Teams.
- Assisted with user manual documentation of the company's "One Virtual Source" software, a digital twin modeling solution for upstream oil & gas surveillance and optimization.
- Assembled requirements and made appropriate changes to software manual documentation, for end-users and administrators.

## Consulting Experience

Consulted with Geophysical management and client geophysicists on effectiveness of methods being employed by and recommended improvements in data acquisition, processing, and interpretation procedures.

### Key contributions:

- Long-term consulting and Project Management oversight to COBALT's Gulf of Mexico and West Africa Teams.
- Worked with exploration geologists and geophysicists to develop optimal workflows for deep water exploration.
- Collaborated with customer work teams and product development team to create a streamline existing technical workflow.

## EDUCATION

**Bachelor of Science in Geology,**  
Texas A&M University (2010)

**Master of Science in Geology,**  
Texas A&M University (*\*Expected in 2024*)

Languages: Read/Write/Speak advanced Brazilian Portuguese

## TECHNOLOGIES

DecisionSpace

OpenWorks

SeisWorks

StratWorks

R5000

Well Seismic Fusion

PowerView/PowerCalculator

RAVE

PostStack/Pal/ESP

SynTool

Depth Team Express/Interpreter

AutoCAD

Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

QuickBooks

One Virtual Source

## WORK HISTORY

**English Professor,** Mizzou International High School, São Paulo, Brazil, 8/2018 – Present

**OFT Pumps, LLC,** Cofounder/Manager, Williston, ND, 10/2014 – 12/2015

**Senior Geological & Geophysical Consultant,** Cobalt International Energy, Houston, TX, 3/2014 – 8/2014

**Senior Geological & Geophysical Consultant,** Maersk Oil, Brazil, Gulf of Mexico and Angola, 1/2012 – 3/2014

**Senior Geological & Geophysical Consultant,** Halliburton/Landmark Graphics, Houston, TX, 2/2011 – 8/2014