

## Computer Applications Specialist

### PERSONAL QUALIFICATIONS

I have been employed in the exploration/production sector of the oil and gas industry for over 25 years. My broad experience gives me an in depth understanding of the industry encompassing many aspects including engineering, geology and geophysics. My most recent career path has lead to computer applications in geoscience. My personal values include a dedication to quality, integrity and technical excellence. I am a team player who thrives on challenges and problem solving.

### PROFESSIONAL EXPERIENCE

2 Years

#### **Business Development Manager**

Provided qualified technical support to sales and marketing activities including presentations, demonstrations, and technology launches for the Petrel product. Actively promote Petrel products and services and provide input to marketing about requirements for new product definition. Prepared and delivered seismic to simulation workflow demos to clients and trade shows. Interpreted Gulf of Mexico 3D seismic and correlated well logs to build the model framework. Used geostatistical methods to generate model properties. Performed uncertainty analysis on the model and proposed a well path. Presented special topics at lunch and learn user group meetings. Provided individual client support for software evaluation projects and special problems. Maintained team shared hardware. An active member of several internal geoscience related special interest groups.

10 Years

**Technical Sales Advisor-US Sales.** Work with team to create and deliver geoscience application technical demonstrations for training and pre-sales efforts. Provide one-on-one workflow mentoring to clients using their data to solve real problems. Active role in a select team providing operational and maintenance support of the new Real Time Decision Center used for multi-disciplinary team collaboration, real-time drilling, operations, and production, and high profile technical presentations and demonstrations. Manage geoscience systems used by technical sales team for delivering demonstrations and pilot studies. Keep geoscience applications and licenses current on all team utilized hardware. Supervise maintenance of workstation operating system to recommended specifications.

1 Year

**Consulting Services.** Project Consulting/Pre-Sales work mainly around DecisionSpace PowerModel. Presented PowerModel in "Lunch On Landmark" series. Performed live PowerModel demos at convention walk-up booth. Participated in customer evaluation and pilot studies in which tasks included installing Oracle, OpenWorks, and DecisionSpace applications, as well as mastery of flagship applications. Mentored users one-on-one and delivered in-house training courses on PowerModel reservoir modeling workflows. Provided feedback to development for enhancements and patches. Tested released patches and daily builds and reported observations and comments to development.

3 Years

**Principal Onsite Consultant.** Local (Houston) member of a global team consisting of one consultant located at each of 7 regional offices located in Europe and North and South America. Primary contact for application and licensing of all vendor products at this site. Presented condensed version of StratWorks training class to geoscience staff. Developed and maintained application support web page for corporate intranet. Designed and documented customized workflow solutions for geoscience staff. Tasks included application trouble-shooting, one-on-one mentoring, scheduling and submitting work orders, weekly status reporting, and general consulting, support of technical and geoscience staff, and OpenWorks database maintenance.

3 Years

**Onsite Consultant.** Member of a team providing application support as part of a global corporate license access agreement. Designed customized workflows to provide unique solutions to specific problems. Developed and maintained personal web page devoted to applications support. Taught in-house training course as part of a corporate wide implementation of a synchronous software release. Routine tasks included application trouble-shooting, one-on-one mentoring, CAEX interpretation consulting, and established workflow support. Primary contact for ZMAP Plus, StratWorks, PetroWorks, Geodata loading, Stratamodel, and OpenWorks. Acted as secondary contact for

SeisWorks, OpenExplorer, and EarthCube. Regular duties include weekly status reporting, communication of software enhancement requests, bug reporting and tracking, beta testing, knowledge transfer of software updates, OpenWorks database SQL queries and maintenance, and act as a company representative in SIG/COI/user group meetings. Played an active role in client's Upstream Applications Rationalization Project.

4 Years

***Exploration and Production Company***

Provided technical support for team of geoscientists and engineers in exploitation and exploration of Gulf of Mexico core properties. Duties included retrieval and loading of geologic, geophysical, and engineering data in corporate database, generation of reports via SQL queries of database, creation of synthetic seismograms and forward modeling, work station user support, data transfer between and integration of various Sun/UNIX platform based interpretation packages, generation of base maps and cross-sections, and reformatting and loading of well log data.

2 Years

***Loren & Associates***

Provided geological and engineering technical support for consulting firm. Duties included digitizing and processing petrophysical log data, creating spread sheets, graphs, forms, and structure maps. In addition, performed quality control of input and output data, ASCII file reformatting and manipulation, and drafting as needed.

1 Year

***University of Houston***

Drilled and completed two monitor wells for Dr. Capuano's continuing research in mineral precipitation associated with biodegradation.

1 Year

Assisted consulting exploration geologists in prospect generation in East Texas and Louisiana. Duties included drafting, log library research, seismic data management, and production information retrieval and processing.

8 Years

***C.G.G., American Services, Inc.***

Performed all phases of standard 2-D and 3-D marine seismic data processing from demultiplexing to film plotting. Duties included processing and quality control of large amounts of data.

***Parker Drilling Company***

Summer job operating lead tongs on land based drilling rig. Duties required physical stamina, teamwork, and quick reflexes.

## **EDUCATION**

University of Houston. B.S. Geology with Chemistry Minor.

## **PROFESSIONAL ASSOCIATIONS**

AAPG

SEG

Houston Geological Society

## TECHNICAL TRAINING

Finder User Training - Schlumberger/Geoquest  
Finder Data Loading - Schlumberger/Geoquest  
GeoData Management - Landmark Graphics Corp.  
GeoData Works - Landmark Graphics Corp.  
Seismic Data Management - Landmark Graphics Corp.  
SeisWorks 3-D - Landmark Graphics Corp.  
StratWorks - Landmark Graphics Corp.  
Z-MAP Plus – Landmark Graphics Corp.  
Introduction to LogM - Geophysical Micro Computer Applications Ltd.  
Advanced SQL - Digital Consulting  
Geolog Basic Training - Mincom USA Inc.  
OpenExplorer – Landmark Graphics Corp.  
OpenWorks System Administration – Landmark Graphics Corp.  
Stratamodel – Landmark Graphics Corp.  
PetroWorks – Landmark Graphics Corp.  
Geoprobe – Landmark Graphics Corp.  
Desktop-VIP – Landmark Graphics Corp.  
WellSeismicFusion – Landmark Graphics Corp.  
DecionSpace PowerView – Landmark Graphics Corp.  
Petrel Property Modeling - Schlumberger  
Petrel Introduction - Schlumberger

## COMPUTER SKILLS

### **IBM Compatible PC Applications:**

#### **Microsoft products**

MS Office 2000

Frontpage 2000

#### **Other PC Products**

Dwight's CD

Dwight's Vision

LEXCO

LogM

Petcom

Petrophysics Plus

Hummingbird Exceed

#### **Other UNIX products**

Finder 7.2

Geolog 6.0

EZ ASCII

EZ LIS

PetroTools

SDI Montage

## REFERENCES:

Available on request.