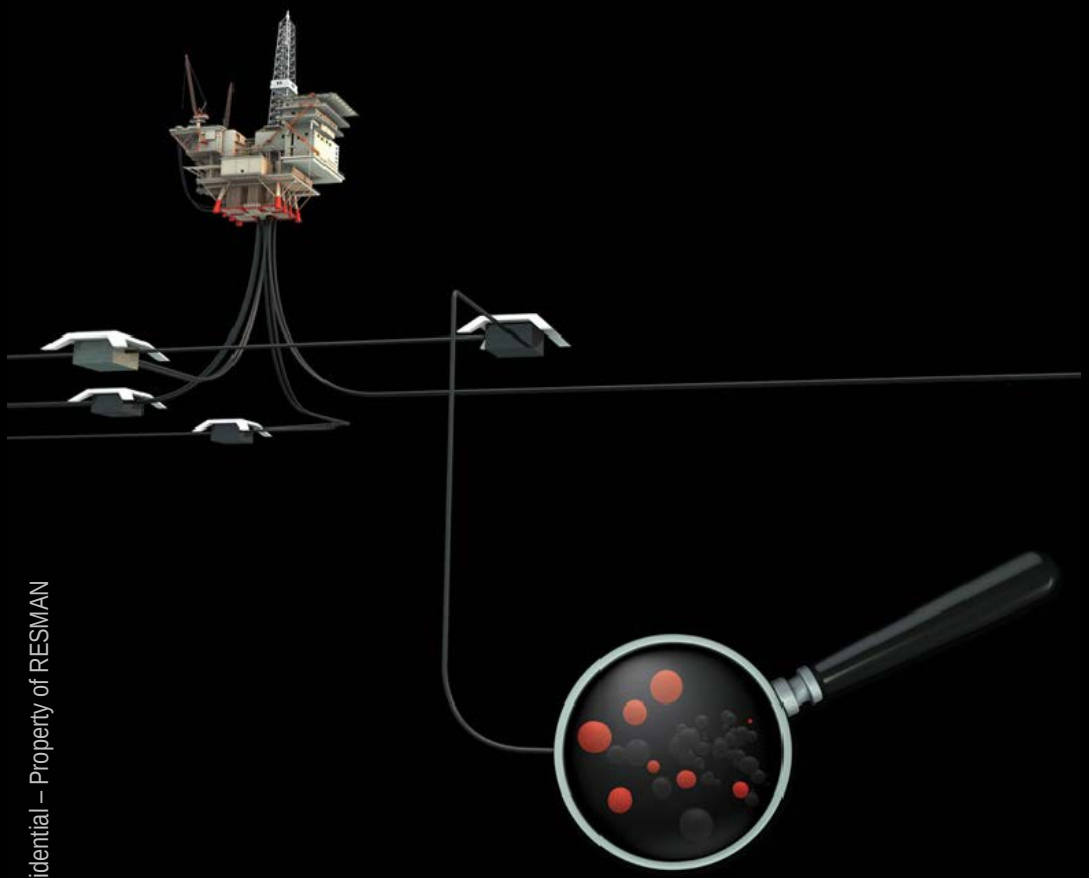


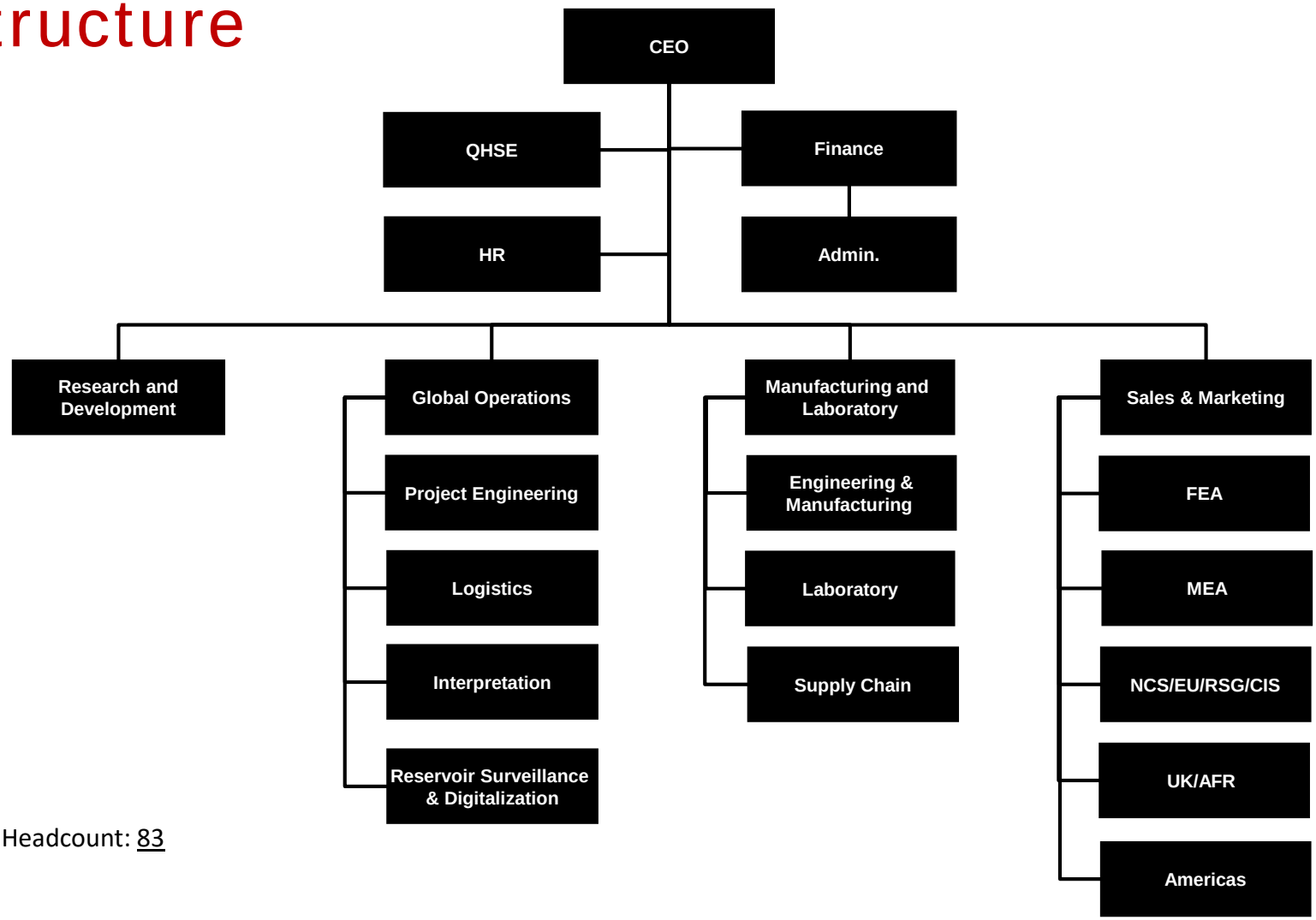
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Organization Chart

Confidential – Property of RESMAN

Organization Structure

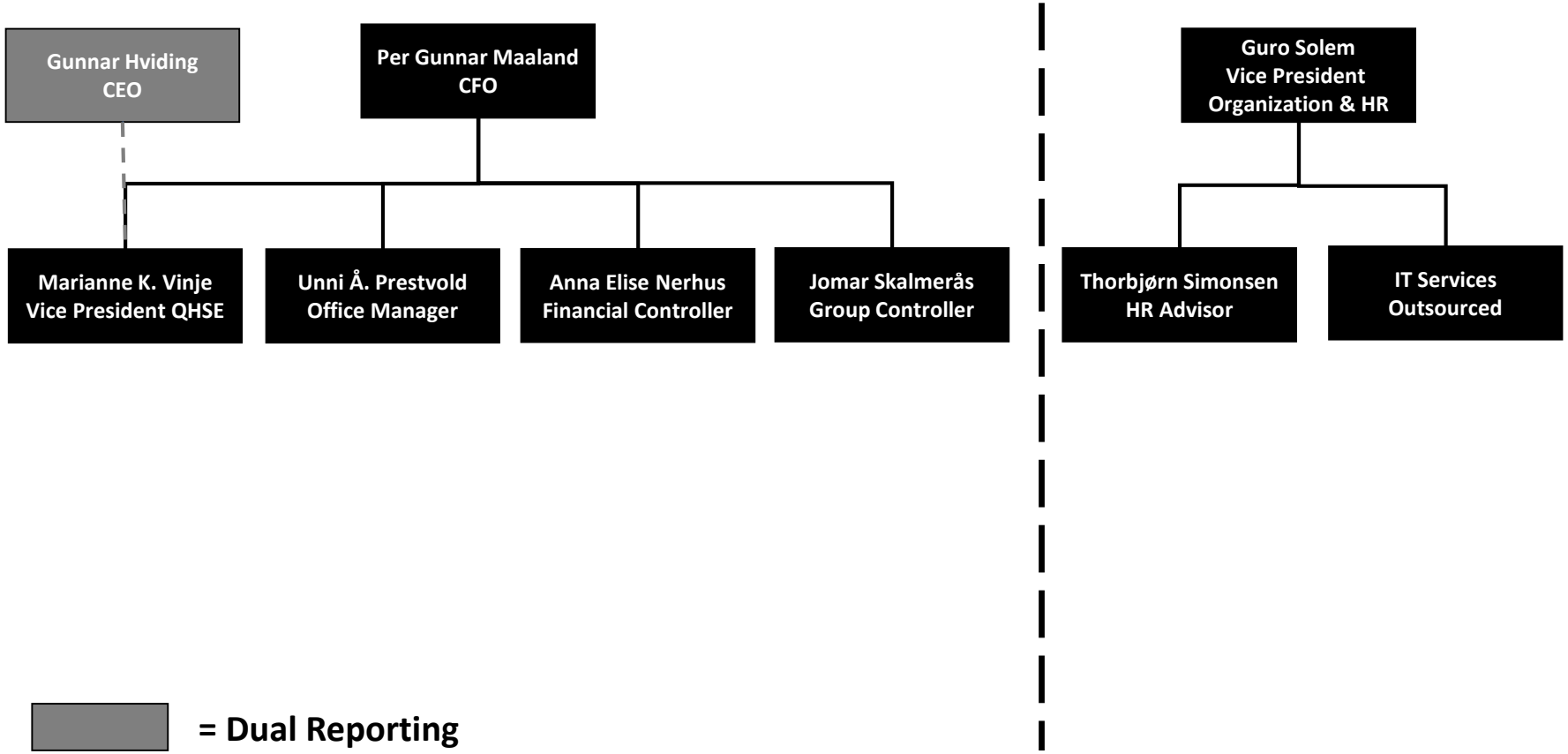


Headcount: 83

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RESMAN Support functions



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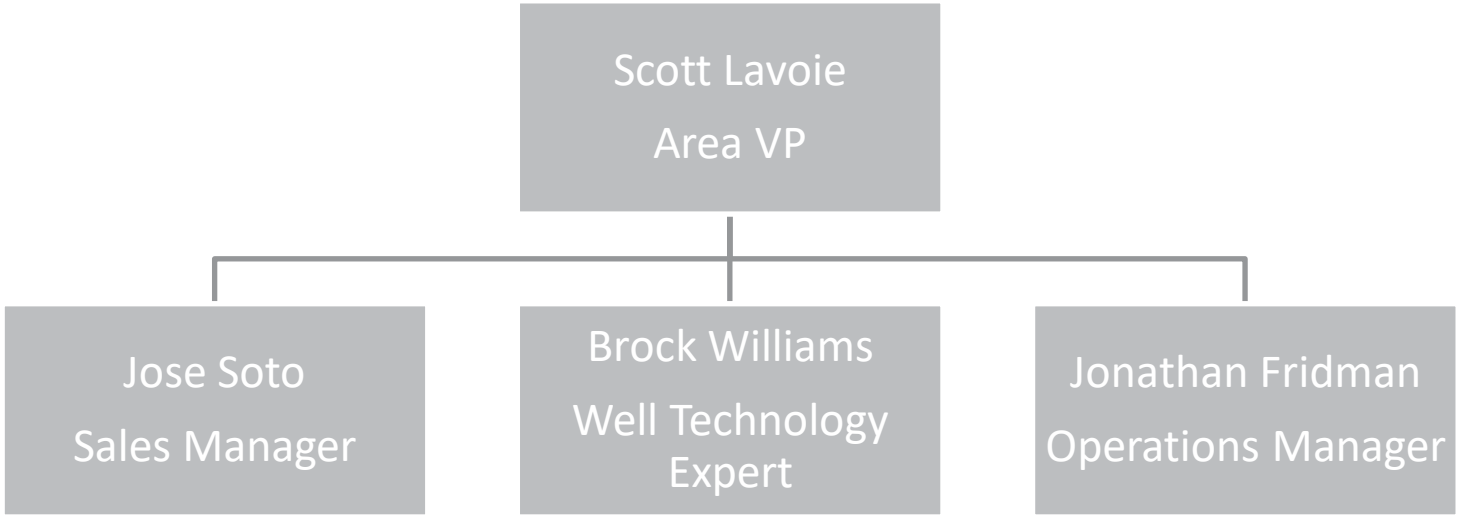
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RESMAN CONFIDENTIAL

Brock Williams

Houston, Texas Mobile: 832-293-9125

Email: brock@resmanusa.com

SUMMARY

Broad success in bringing leading edge, down-hole technology from the concept phase to field implementation for a major oilfield operator. Extensive experience in strategy development, technology valuation assessment, internal and external communication, project management, reliability analysis, and thermal and hydraulic computer modeling.

CAREER HIGHLIGHTS

Major Expansion of RESMAN Sales

- Lead team that penetrated new geographical segments, new clients and new applications for the RESMAN technology.
- Developed innovative techniques for deploying and interpreting the RESMAN chemical tracers.

RESMAN Technology Marketing Campaign

- Developed marketing campaign, web site and promotional video that generated significant increase in sales.
- Authored and presented several technical papers.

Co-developed improvements in Fiber Optic Temperature Monitoring technology in gravel packed wells

- Removed the need for wireline intervention to monitor well performance.

Co-developed improvements in Flow-Control technology in the following areas:

- Deployment in water injectors to achieve proportional zonal distribution into multiple reservoir layers.
- Deployment in high pressure / high temperature wells for proportional control of flow from multiple reservoir layers.
- These developments allowed the end user to drill less wells and more effectively manage the reservoir.

Co-developed improvements in In-Well Seismic monitoring from concept to the world's first use in a major offshore well.

- Demonstrated the viability of 4D seismic from sensors located within the wellbore.

Implementation of formal reliability practices in technology development projects:

- Engaged contractor of communications satellites to provide reliability services.
- Formal reliability analysis became expected on all high-end technology developments.

Co-developed coiled tubing based directional drilling

- Allowed existing wells to be sidetracked thru tubing.
- Saved tens of million dollars per year in drilling cost and increased recoverable reserves by millions of bbls.

PROFESSIONAL EXPERIENCE

General Manager for RESMAN USA - Houston **2010 – 2019**
Management of all North America sales and marketing efforts for RESMAN AS.

- Identify potential markets.
- Technical analysis of application opportunities
- Client management.

Technology Program Manager for Intelligent Wells - BP - Houston **1999 – 2010**
Management of the Intelligent Wells team and successful delivery of projects required:

- Engagement with assets located in various parts of the world to understand the challenges and value of new capabilities in the area of permanent in-well sensors and flow control.
- Engagement with the technology providers to understand current capabilities.
- Developing specifications for new capabilities that are achievable and aligned with end user needs.
- Developing a strategy for vendor selection.
- Negotiation of commercial terms.
- Close oversight of vendor activities.
- Extensive assurance activities and effective test programs.
- A field deployment plan compatible with asset timeline.
- A major responsibility of the program manager is to ensure the team follows a structured process, and when appropriate, projects are terminated that do not meet criteria for continuing.

Schlumberger's Coiled Tubing Drilling Team - BP - Houston **1997 – 1999**
Special assignment embedded in Schlumberger's organization promoting usage of coiled tubing drilling around the world.

Coiled Tubing Drilling Program Manager - BP - Alaska **1993 – 1997**
Led team that developed the coiled tubing drilling capability for BP in Alaska. This technology allowed side-tracking of existing wells without pulling the tubing, thereby saving millions of dollars.

Completion Engineering Supervisor - BP - North Sea **1990 – 1993**
Led team of engineers designing and procuring completion equipment for several major developments in the North Sea.

Sr. Petroleum Engineer - BP - Gulf of Mexico **1987 – 1990**

Drilling/Completion/Petroleum Engineer - BP - Onshore U.S. **1982 – 1987**

Petroleum Engineer; Pennzoil, Amerada Hess & IMC Exploration **1979 – 1982**

PUBLICATIONS (Co-Authored)

- On-Demand Reservoir Inflow Monitoring – SPE 187421
- Verifying Permeability Distribution Using Interventionless Production Logging – OTC 27399
- Step Changes in Horizontal Well Performance – SPE 174743
- Wireless Reservoir Surveillance Using Intelligent Tracers - OTC 23282
- Interventionless Surveillance in a Multilateral Horizontal Well - SPE 151241
- Wireless Reservoir Surveillance in Deepwater Completions - SPE 155743
- Downhole Flow Control for High Rate Water Injection; SPE IE10 – 128653; 2010
- Permanent Fiber-Optic Borehole Seismic Installation at Valhall; EAGE-P201; 2007
- Installation of In-Well Fiber-Optic Monitoring Systems; SPE -77710; 2002
- Adopting Reliability Practices from the Space Industry Into I-Wells; OTC 13027; 2001
- Coiled Tubing Drilling: Real Time MWD; OTC 8227; 1996

EDUCATION

B.S. in Petroleum Engineering; Louisiana State University - 1979

Contact

perarnha@gmail.com

www.linkedin.com/in/per-arne-hamnaberg-bb6b877 (LinkedIn)
www.resman.no (Company)

Top Skills

Fluids
Chemistry
Oil

Per Arne Hamnaberg

Tracer System Designer at Resman AS
Trondheim

Summary

Design and setup of tracer systems in oilwells, Sales Support, Development,

Specialties: Lab experience, offshore field experience, knowledge about drilling fluid chemicals and operations, drilling operations, consulting/ adviceing.

Experience

Resman AS
Sr. Tracer System Designer
June 2011 - Present (10 years 6 months)
Trondheim Area, Norway

Technical, Engineer, Lab, Sales Support, QA, Development

Halliburton
Drilling Fluids Engineer
October 2006 - June 2011 (4 years 9 months)
Offshore

Dilling fluids mangagement offshore.

Planning of all well operations offshore involving Drilling Fluids. Running chemical tests in lab, logistics off/onshore, meeting the requirements from the operator.

Norsk Hydro
Summer Internship Hydro Alumninium
June 2003 - August 2003 (3 months)
Sunndalsøra

Summer Internship at Hydro Aluminuim`s factory in Sunndalsøra, Norway.

Saga Boats A/S
Summer Internship Storekeeper
April 2001 - July 2001 (4 months)

Selje

Summer Internship

Education

Norwegian University of Science and Technology (NTNU)

Master, Chemistry · (2001 - 2006)

Technische Universität Berlin

Chemistry and Bioprocess Engineering · (2004 - 2005)

Florø Vidaregåande Skule

High school · (1997 - 2000)

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EMPLOYEE DETAILS



Name: Marianne Korsnes Vinje	Nationality: Norwegian
Date of birth: 9th December 1975	Current Position: VP QHSE
Languages : English, Norwegian	Employment Status: Permanent

SENIORITY

Seniority within the Oil Industry	12 years
Employed in RESMAN since	August 2010

EXPERIENCE SUMMARY

Year	Position	Company	Country
2010-YTD	VP QHSE	RESMAN	Norway
2006-2010	QHSE Manager	EMGS ASA	Norway
2005	Department engineer at the dep. Of circulation and medical imaging	NUST	Norway
2003-2004	Research scientist at the dep. Of biotechnology	NUST	Norway
2001-2003	Doctoral Scholar Student at the dep. For molecular cell biology	UiO	Norway
1999-2000	Department Engineer at the dep. Of biochemistry and molecular biology	UiB	Norway
1998-1999	Department Engineer at the technical department	NUST	Norway

EDUCATION

Year	Education	Educational institute	Country
1994-1998	"Sivilingeniør" (Eq. to Msc.) within Chemistry, specializing in biotechnology.	NUST	Norway

TRAINING SUMMARY

Year	Content	Company/Organizer	Location
2018	Risk Management – ISO 31000	MQM AS	Trondheim
2018	ISO 45001:2018	Kiwa TI	Trondheim
2016	New ISO 9001:2015 standard	DnV	Trondheim
2013	Risk Management Course	QMA	Tenerife
2010-2011	Certified quality leader and quality auditor training	TI (Technology institute)	Oslo
2010	Bosiet Survival training course	Falck Nutec	Trondheim
2008	ISO 9001/ISO 14001	DNV	Trondheim
2008	RABQSA Certified OHSMS Auditor Training Course	SAI Global	Houston
2007	Top Set Investigation and Tutor Course	Kelvin Top Set	Glasgow
2007	Applied HSE Management	Petroskills	Houston

2007	40 hour working environment training for safety representatives	Arbeidsmiljøsenteret	Trondheim

Jonathan R. Fridman

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480-307-3727
fridmanjon@gmail.com
https://www.linkedin.com/in/jonfridman/

Professional Experience

Operations Manager, Americas: July 2021 - Current
RESMAN, Houston, TX

- Planned and executed integration of tracer systems including management of internal/external personnel
- Managed bids for contractors, budgeting and procurement
- Coordinated tracer system design and environmental approval
- Oversaw projects in the GoM and Latin American Regions for offshore/onshore tracer deployment
- Handled logistics for well sampling including import/export and management of 3rd party vendors
- Maintained a HSE first environment

Sales Consultant/Dealer Trade Manager: June 2020 – July 2021
Lithia Motors, Odessa, TX

- Top performing sales rep in the area
- Manages inventory allocations to meet the business needs of clients
- Achieved market share goals by gaining new clients and servicing existing ones
- Maintained extensive technical and professional knowledge through workshops and organizations

Operations Manager: November 2019 – March 2020
Veretek, Midland, TX

- Performed in a hybrid role with responsibilities including Lead Operations Analyst, R&D, systems analysis, project management, and Sales Engineer
- Assisted the sales team in maintaining relationships, gaining new business, and understanding/analyzing customer requirements
- Optimized well installations for efficient operation with minimal downtime
- Supported the R&D team with analysis of engineering problems as required applications support and well design Drive Programming
- Oversaw and assisted with the first V Pump installation in the Middle East for PDO, Marmul Field, Oman

Field Optimization Specialist: November 2018 – November 2019
Apergy, Odessa, TX

- Participated in the conceptualization, requirements analysis, and development/implementation of LOOKOUT Monitoring for Artificial Lift based on XSPOC/SCADA
- Proactively provided technical assistance directly to customer assets using a SCADA based system
- Gathered and documented issues, then provided technical product and application support and training for customers, sales, and account managers resulting in improved sales/retention

Optimization and Monitoring Engineer: December 2017 - November 2018
Baker Hughes, Midland, TX

- Provided high level product support, key field trouble shooting, well prognosis, and completion product performance.
- Lead engineering/technical position in the Permian basin for troubleshooting.
- Managed artificial lift assets in NA and offshore for over 50 companies
- Decreased ESP downtime through optimization and by making proactive changes to device operations

Account Manager: April 2017 – December 2017
Baker Hughes, Midland, TX

- Designed ESP systems and provided recommendations for each client.
- Acted as the liaison with field representatives and customer during projects
- Provided technical support or any further equipment needed for deployment to job/project.
- Supervised the return and inspection reports and ensure proper flow of documentation utilizing SAP.
- Managed sales exceeding $3.5mil beating revenue targets for selected accounts

Field Engineer I: December 2016 – February 2017
Keane, Odessa, TX

- Supervised pump down operations on hydraulic fracturing locations
- Managed equipment, personnel, and performed maintenance as needed
- Performed pre-job planning to ensure no service interruptions

Field Engineer in Training: July 2016 – December 2016
Keane, Odessa, TX

- Created pre-job models, and assisted Operations with job planning
- Conducted various quality control tests on treatment fluid to ensure services were properly delivered
- Provided on site engineering support for field operations, and assisted supervisors during the job

Operations Engineer Intern: May 2015 – August 2015
XTO Energy, Warrendale, PA

- Performed big data analytics, and optimized completions design in the Marcellus Shale
- Worked with SCADA, Well View, IHS Enerdeq Browser and Spot Fire
- Performed yearly inspections on both Marcellus and shallow Oriskany well locations
- Supervised locations with foreman on hydraulic fracturing, coil tubing & snubbing

Combat Engineer (Corporal): July 2009 – October 2012
United States Marine Corps, San Diego, CA

- Managed personnel, project supervision, and logistics for ongoing operations.
- Increased and maintained readiness at 98% while overseeing administrative operations
- Team leader assisting in charge of over 50 projects
- Assisted in the completions of numerous essential projects overseas in support of OEF

Education

Pennsylvania State University
University Park, PA
BS in Petroleum and Natural Gas Engineering

- Conducted research for the Smithsonian Institute (2014)
- Awarded the **GeoCUR Award** for excellence in student research in the Geosciences