



29/07/1958 (65 ans)
Nationalité États-Unis
Celibataire
Permis B

San Marcos (92069)
***** _ *****
*,*****.*****@*****.***

Ingénieur Subsea, Océan, Mécanique, Confirmé

EXPERIENCES PROFESSIONNELLES

janv. 2021 / aujourd'hui **Staff Engineer**

Oceaneering

As a staff engineer for Oceaneering I lead limited, interdisciplinary teams in the development of subsea deployable remotely operated vehicle (ROV) systems.

avr. 2018 / janv. 2020 **Subsea Package Engineer / Manager**

BMT Scientific Marine Services

After almost nine-years as a Subsea Project Engineer at BMT, followed by a brief separation due to the downturn, I was invited to return to my former position in April of 2018.

nov. 2016 / janv. 2018 **Senior Subsea Mechanical Engineer**

TE Connectivity: Marine, Oil and Gas Group - El Cajon, CA (US)

- *Managed, mentored and supervised four direct reports in developing custom subsea electro/optical connector and umbilical assemblies for the subsea sector*
- *In addition to supporting a major US defense contractor, in developing sonar array connector housings, I delivered custom subsea umbilical connectors to a US EPIC for a large greenfield project in the US Gulf of Mexico*

avr. 2007 / janv. 2016 **Subsea Package Engineer / Manager**

BMT Scientific Marine Services - Escondido, CA (US)

- *Lead Package technical development from contract award to final installation and commissioning of \$1M - \$3M electro-mechanical subsea systems*
- *Ensure that deliverable meets client's specifications and requirements and that procedures meet client and industry HSE standards*
- *Supervise, coordinate and mentor package team (Mechanical, Electrical and Software Engineers, Designers, Drafters and Technicians)*
- *Develop, review and approve project documentation (drawings, design reports, I&C procedures, ITPs, document lists, TQs, NCRs, etc.)*
- *Review and approve design changes, components and materials*
- *Specify test procedures and verify of test results*
- *Project quality control, e.g., Welds, NDT, coatings, calibration, pressure testing, positive material identification and traceability, FMECA and RAM*
- *Subcontractor management worldwide to ensure interface compatibility, integrity, schedule and cost compliance*
- *Lead design reviews with EPICs and oil majors and represent BMT at project kick-off meetings, HAZIDs and HAZOPs*
- *Hands-on system SITs and commissioning (GOM, West Africa and Asia)*
- *Liaise with project manager to control costs and ensure that the package is delivered on time and within budget*
- *Develop package proposals, cost estimates and schedules*
- *Develop and provide end user training*
- *Provide status reports and short & long term projections to clients and internal senior management*

mai 2005 / mai 2006 **Ocean Engineer**

SeaLandAire Technologies - Jackson, MI (US)

- *Developed a numerical simulation of a subsea, hydrodynamic 'wing' in support of an autonomous, energy harvesting, station-keeping vehicle. Conducted tow-tank testing of wing prototype to validate the simulation*
- *Completed a successful sea-trial, and proof of concept, for an autonomous, energy harvesting, station keeping surface vehicle*

juin 2004 / mai 2005

Ocean Engineer

Fugro GEOS - Houston, TX (US)

- *Developed platform based and seafloor founded Acoustic Doppler Current Profiler (ADCP) systems for the offshore industry. These systems often included acoustic data transfer for near real-time data acquisition. Deployed, recovered and serviced deep ocean instrumentation moorings*
- *Acquired and evaluated oceanographic data to determine location, heading, size and strength of GOM loop currents*

juin 2001 / nov. 2003

Ocean Engineer

Naval Undersea Warfare Center - Newport, RI (US)

- *Developed and tested (Proof of Concept) an Instrumented Tow Cable that employs principles of temperature dependent light scattering in an optical fiber, to infer seawater temperature along the length of the cable (Distributed Temperature Sensing), as it is towed through the water column*
- *Technical lead for multiple sea-tests including two international military exercises and several scientific trials, proving the technological feasibility*

DIPLOMES ET FORMATIONS

sept. 2016 / aujourd'hui

Subsea Engineering

University of Houston

sept. 1999 / mai 2004

Ocean Engineering - BAC+5

University of Rhode Island

sept. 1994 / mai 1999

Mechanical Engineering - BAC+4

University of New Hampshire (US)

COMPETENCES

A proficient subsea, ocean, mechanical engineer with a broad background and areas of ability, having developed, installed and commissioned several deepwater riser, jumper spool and mooring-line integrity monitoring systems. These are multi-discipline projects that require knowledge of SURF structures and dynamics, the subsea environment, corrosion & materials, fabrication and coatings, etc.

I am comfortable in shipyard, offshore and professional environments. A self-starter confident working independently, in teams, or as a team leader. I eagerly take on new and unfamiliar tasks, easily succeed in multicultural surroundings and readily travel for extended periods.

- Proficient: MathCAD, MATLAB, MSOffice
- Experienced: Orcaflex, DeepRiser, PipeSim, MSPProject

COMPETENCES LINGUISTIQUES

Anglais

Bilingue

Français

Académique

CENTRES D'INTERETS

Voyages internationaux, Affaires courantes, Cuisine, Ski, Voile, Film, Histoire