

David Neat

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(214) 505-8645

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Education

Bachelor of Science - Petroleum Engineering

University of Oklahoma - Norman, Oklahoma, Graduation May 2015

GPA Last 75 Hours: 3.42

Dean's Honor Roll - Four Consecutive Semesters

Bachelor of Science - Ocean Engineering

Texas A&M University - College Station, Texas, Graduated 2010

Professional Experience

Latshaw Drilling & Exploration Co. / Laredo Petroleum Inc. – Garden City, Texas, Summer 2014

Engineer Intern

- Shadowed the company man, directional drillers, mud engineers, tool pushers, geo technicians, drillers, derrickman, motorman and floorhands
- Observed hydraulic fractures, perforations, wireline, drilling, horizontal drilling, casing and cementing
- Mixed mud chemicals, pulled back pipe, worked on triplex pumps, tripped pipe, mud testing, rig move

C&C Technologies - Lafayette, Louisiana, 2011 – 2012

AUV Operations Specialist (ME) Level I

- Commanded the \$8 million AUV (autonomous underwater vehicle) to ensure profitable operations
- Designed and implemented AutoCAD mission plans from pre-dive procedures to post-dive data processing
- Monitored status of AUV and verified quality of raw data
- Surveyed offshore projects of wellheads, mooring lines and pipelines at depths up to 3000m
- Experienced in sonar: side-scan, multi-beam and sub-bottom equipment
- Involved in boat mobilization for offshore projects
- Installed and conducted troubleshooting on various components using Kongsberg Software – HuginOS, Mission Explorer, Map Master and Graph Tool
- Redesigned poorly engineered equipment using AutoCAD
- Kept detailed logs for maintenance and preventive part replacement on AUV
- Operated and maintained the A-frames, hydraulic arms, winches and cranes
- Held responsible for successful AUV retrieval

Haynes Coastal Laboratory, Texas A&M University – College Station, Texas, 2008 – 2010

Senior Lab Technician

- Maintained all equipment used in laboratory including \$4 million wavemaker
- Installed and calibrated equipment for student lab classes and lab projects
- Ran the wavemaker without supervision on multiple occasions
- Involved in dozens of R&D projects working with companies in the industry
- Participated in high level projects such as; New Levee Design for New Orleans with the Army Core of Engineers, Prototype testing on Dubai's Palm Island Design for Great Lakes Dredge and Dock, Prototype Testing for Northstar Island with BP, Anchor Design and Testing for Army Core of Engineers
- Gained experience in the scientific process of Coastal and Marine Engineering
- Performed testing and analysis on various equipment
- Assisted with doctorate and masters student research

Skills/Qualifications

- **E.I.T. Certified**
- **Eclipse – Reservoir Simulation**
- **CMG – Reservoir Simulation**
- **Petra – Reservoir Mapping**
- **Petrel**
- **Microsoft Office**
- **Solid Works**
- **TWIC Card**

Organizations

SPE Member – Attend SPE functions and meetings.

2013 – Present

SNAME/MTS Member – Attend SNAME/MTS functions and meetings.

2008 – Present