

# VACATURE

## Are you the intern with coding experience?

*Are you fascinated with technology? Can you code work flows using high level programming languages such as Perl, Python, Ruby, etc? Will your heart beat faster when it comes to drilling, well completions and subsea operations? Are you searching for an internship/graduation assignment, preferable MSc with background in petroleum engineering? Maybe you are the student we are looking for!*

The goal of this assignment is to develop an automated template for analyzing and synthesizing various well programs, from rig mobilization, well spud, drilling, completion and production. The program should be flexible enough to allow alteration by the user with consequential time and financial implications visibly shown. The ideal case will be to model the program after the standard IADC report but, the final deliverable should improve on this reporting standard.

*Start assignment; latest September 2017. Duration approximately 6 months.*

### You deliver

- Templates with codes to analyze wellbore data and compute efficiency gain for drilling and well completion scenarios.
- A time vs depth analysis graph with showing efficiency gains and time/cost implications
- A separate template with the analyzed data specifically setup for sensitivity analysis. This shall be tied to a well template screen where the sensitivity analysis can be done
- Conclusions and a proposal

### Your profile

- Bachelor or Master student (preferred petroleum engineering background)
- Knowledge of a high level programming language (Python, Ruby, Perl etc).
- A good command of the English language, both orally and in writing

### Department

The Sales & Concepts Department organizes, together with our global sales offices, the sales process and is responsible for creating the concept design, drawing up quotations and their follow up. The Department is split into three product groups: cranes and winch systems, pipelay equipment and drilling equipment. The product groups consist of sales concepts engineers and are managed by the product managers. Every product group has its own character that aligns to the market in which it is active.