**Job Title:** Data Scientist and Machine Learning Expert

**Job Description**

We are seeking scientists and engineers with a strong fundamental understanding of various modern machine-learning methods to address highly challenging scientific & engineering problems.

**Responsibilities**

> Research and develop data analytics and/or machine learning systems for business applications;
> Work with domain experts to understand needs & constraints;
> Work with software engineers to integrate ML solutions in business workflows;
> Communicate sophisticated ML concepts to management, clients, and the business community.

**Qualifications**

> BS / MS / PhD in Computer Science, Statistics, EE, Applied Mathematics, Physics, Chemistry or Biology
> Programming experience in one or more general purpose languages.
> Experience in a few of the following areas: deep neural networks, reinforcement learning, Markov Random Fields, Bayesian networks, semi-supervised learning, computer vision, image processing, signal processing, distributed computing, and/or numerical optimization.
> Familiarity with ML frameworks such as Tensorflow, Theano, MXNet, etc. is a plus.
> Experience with big-data technologies such as Hadoop/Spark is a plus.
> Strong oral and written communication skills
> Ability to work independently and in a team of scientists and engineers

Please apply online at careers.slb.com

**Schlumberger is an equal employment opportunity employer. Qualified applicants are considered without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, status as a protected veteran or other characteristics protected by law.**

**Schlumberger is a VEVRAA Federal Contractor – priority referral Protected Veterans requested.**
**Job Title:** Computational Software Engineer

**Job Description**

The Computational Software Engineer is responsible for numerical and analytical modeling, and translating the models into computer programs. Major duties include: engineering modeling; translating models into software code; software development and programming; project planning and management; publishing industry articles and internal reports; analyzing experimental data; providing technical support to field operations personnel; collecting and analyzing field data; interacting with clients and client presentations.

**Responsibilities**

> Develops numerical and analytical models
> Develops engineering models based on laboratory and field data
> Develops and tests computer code to implement models into software
> Writes technical papers, reports, and software documentation

**Qualifications**

> BS / MS / PhD in Engineering, Computer Science, Applied Mathematics or a related technical field.
> Numerical analysis and programming skills
> Strong oral and written communication skills
> Ability to work independently and in a team of scientists and engineers

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Job Title: Front-end Web Developer

Job Description:
The Schlumberger Front-end web developer evaluates emerging technologies and provides innovative and cost-effective engineering solutions to increase efficiency, reliability and integration of Schlumberger services and operations, working in a dynamic environment where fast prototyping with emerging technologies to solve industry-related problems is the rule.

Responsibilities:
> Collaborates with designers, developers and users to implement scalable and interactive applications.
> Identifies and keeps abreast of novel technical concepts and markets.
> Builds prototypes, products and systems that meet the project quality standards and requirements.
> Builds sophisticated and elegant user interfaces.
> Contributes to and supports re-use through common components that are well documented and tested.

Requirements:
> BS / MS in Computer Science or a related technical field.
> Experience with HTML, CSS and JavaScript.
> Experience with one or more JavaScript frameworks (AngularJS, React, Bootstrap, etc.) is a plus.
> Strong oral and written communication skills
> Ability to work independently and in a team of scientists and engineers

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Schlumberger is a VEVRAA Federal Contractor – priority referral Protected Veterans requested.
**Job Title:** Software Security Engineer

**Job Description**

The Security Software Engineer builds prototypes, products and systems suitable for testing, and sets up and runs lab simulations. The engineer has secure coding (different from encryption) and mobile security experience, and a good understanding and knowledge of digital certificates, security space access control, fire walls, VPN and vulnerability management.

**Responsibilities**

> Assists in identifying and organizing requirements, and producing specifications.
> Design infrastructure and drive its implementation to protect Schlumberger networks and systems.
> Provide security expertise and guidance to a diverse set of Schlumberger engineering and business teams.
> Conduct security reviews of core corporate and production infrastructure.
> Drive enterprise focused security improvements to Schlumberger products and services.

**Qualifications**

> BS / MS / PhD in Computer Science or a related technical field.
> Programming experience in one or more general purpose languages.
> Experience with attacks and mitigation methods is a plus.
> Experience with network protocols and secure network design is a plus.
> Experience with web application and browser security is a plus.
> Experience with authentication and access control is a plus.
> Strong oral and written communication skills
> Ability to work independently and in a team of scientists and engineers

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Schlumberger is a VEVRAA Federal Contractor – priority referral Protected Veterans requested.
**Job Title:** Cloud Software Engineer

**Location:** Houston (TX, US)

**Job Description:**

The Cloud software engineer has first experience in programming with public clouds such as Google Cloud, Azure and AWS, and is familiar with the public key infrastructure and digital certificates. She/he has been as well exposed to industrial control system and to security implications. Successful Cloud software engineer is technical with excellent interpersonal skills she/he works effectively with internal and external customers and has demonstrated leadership within professional associations. She/he has very effective verbal and written communication skills.

**Responsibilities:**

- Assists in identifying and organizing requirements and producing specifications.
- Builds prototypes, products and systems suitable for testing and sets up and runs lab simulations.
- Develops and executes unit tests to ensure and maintain source code quality.
- Shares expertise throughout the organization and may provide user training for products.
- Identifies and keeps abreast of novel technical concepts and markets.
- May author technical reports, papers, articles, patents and presentations.

**Qualifications:**

- BS/MS in Computer science or Engineering or equivalent.
- Programming experience with Python or Java.
- Programming experience with public clouds such as Google Cloud, Azure and AWS is a plus.
- Experience with user management, security and identity management is a plus.
- Experience with OpenSource software such as Apache Hadoop ecosystems is a plus.
- Experience with Linux administration and linux scripts is a plus.
- Familiarity with basic networking is a plus.
- Familiarity with parallel file systems is a plus.

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