**Data Analyst & Quantitative Interpretation Specialist**

Visuray is seeking a data analyst/quantitative interpretation specialist to further the development of interpretation software and machine learning technologies for analyzing X-Ray signals from its novel VR360 cement evaluation tool.

Job responsibilities:

* Conduct independent research and solve open-ended data science problems.
* Develop innovative solutions to log-processing problems using machine learning for classification, regression, and anomaly detection.
* Develop algorithmic pipelines for processing wireline logs from the VR360 tool using MATLAB or Python.
* Integrate research algorithms into production-ready visualization software in C++/Python.
* Communicate results via oral presentations and written reports.

Candidate should have:

* A M.S. in Geophysics, Petroleum Engineering, Applied Mathematics, Computer Science, or a related field.
* Minimum 1-2 years’ experience in data curation, ML testing and deployment using Python, MATLAB, R, etc.
* Experience with wireline tools developing algorithms for log corrections, tool calibrations etc.

**About Visuray**

Visuray is a pioneer in downhole X Ray technology which enables companies to obtain 2D and 3D data from inside an oil well regardless of the nature of the fluid within. We have invested $200 M in research since our foundation to develop a unique technology which comprises a compact power supply, X-ray sources, solid state pixelated photon counting detectors, thermal management technology and deep learning technology. Our game changing technology does not require a chemical nuclear source thereby offering a safer and greener environmental performance to meet the increasingly stringent government safety regulations.