Job Summary

EV are the leading vision-led diagnostic service provider within the global energy sector, with over 40 operating bases and operations performed in over 50 countries worldwide. Our mission is to provide the most complete and quantified visual perspective that brings clarity of understanding and rapid acceleration of the oilfield decision-making process; reducing the risk, increasing the effectiveness, and lowering the cost of construction, operation and intervention of wells and associated production assets.

We are currently seeking to add a Data Analyst to join our global team of experts to help deliver innovative and high-value data analytic services to our customers worldwide. The ideal candidate will have extensive experience of cased hole log analysis, demonstratable skills in data science and analytics, and previous experience of product development. We value individuals who are dedicated to delivering high-quality services and possess excellent communication skills.

By joining EV, you will have a unique opportunity to be part of a fast-paced organization that has pioneered a number of cutting-edge, world's first technologies and solutions. We offer a supportive and collaborative environment that fosters skill development, promotes technical excellence, and provides ample opportunity for innovators to thrive.

Job Brief:

As a member of the Data Analytics team the successful candidate will perform highly-specialized analysis and interpretation of data acquired by EV and partner companies across a mixture of applications for customers worldwide. Each service will provide critical decision-supporting information to help customers understand and resolve complex issues affecting the integrity and performance of their assets and infrastructure.

The Data Analyst will provide pre-job planning support to advise on sensor selection and job configuration to optimize data quality, and use in-house developed software applications to analyse data and distil facts, and communicate these in a coherent and time-effective manner to our customers.

The successful candidate will be a progressive thinker who will play a key role in continuous improvement and new product development, advising on performance enhancements and identifying new techniques and analyses to solve information challenges.

Interfaces:

Reporting line:	Data Analytics Manager – Western Hemisphere
Direct reports:	None
Interface and teamwork with:	Data Analytics Group, Operations, Software Engineering, and Sales and Marketing
Location:	Calgary, AB, with occasional travel to meet company's business needs

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Role and Responsibilities:

- Data processing and interpretation of Company's current and future Product Lines, including: Advanced downhole video; Phased Array Ultrasound scanning; Multi-finger Caliper Logging; Pipe Deformation Analysis (PDA).

- Determine the performance of the hydraulic fracturing of unconventional wells through the analysis of proppant-induced perforation erosion measurements, and the analysis of stage plug setting locations.

- Determine and showcase root causes and conditions that affect: Pipe deformation and restrictions; Completion anomalies; Corrosion, erosion and other forms of metal loss; Scaling, deposition and solids production; Mechanical integrity; Fluid entry, wellbore flow and/or leaks.

- Serve as a key customer interface to present processed results and interpretation conclusions, attending meetings with clients and service companies as required.

- Completion of office-based tasks in the support of onshore or offshore operations, including pre-job planning, program development, sensor/toolstring selection and performance feedback.

- Preparation of reports including but not limited to: concise run reporting; video reports; time-lapse analysis; data manipulation for presentation.

- The delivery of analyses, and visualization of the final customer deliverable, through EV's AIVA™ cloud-hosted platform.

- Performance of data processing, analysis and reporting functions out with normal office hours as and when required to support priority or Fast Turn-Around operations.

- Provide front-line customer support for EV commercial software products including, but not limited to, training of EV customers, verification and reporting of customer reported bugs/issues and resolution of licensing or version-related issues.

- Testing and provision of performance feedback for new software products or processes through close collaboration with EV Software Engineering team, Operational Excellence and fellow Data Analysts.

- Assist in the roll-out of new and/or updated software products, including but not limited to development and updating of documentation, and the provision of training to fellow Log Analysts and EV customers.

- Recommending new or revised operating procedures and/or equipment improvements or products.

- Contributing to thought leadership through the creation of example deliverables, development of case studies and technical papers, and active engagement with relevant industry forums.

- Behaving in a professional, courteous and suitable manner at all times.

- Abide by and maintain adherence to Company Quality, Health, Safety and Environmental policies and procedures at all times.

Personal Qualities:

- Highly analytical and with the ability to analyse a range of data sources to identify issues relating to well performance and integrity, and determine their severity and potential business impact.

- Strong communication skills, both written and oral, with the ability to listen, question and engage in discussions, and convey important information clearly and effectively to multiple stakeholders – both internal and external.

- A problem solver who is passionate about technology and the application of data science and analysis tools, with the ability to create innovative and information-enhancing solutions.

- Ability to maintain confidentiality with others outside the organisation particularly in respect to customer data, company IP and know-how, and products/services in the development stage.

- An inclusive, respectful individual, capable of working effectively in a culturally diverse environment and acting with a high degree of integrity at all time.

Qualifications/Skills:

- Experience of working within the Oil & Gas industry either an Oilfield Services or Operator company, especially in the domain of data and log analysis.

- A power-user of cased hole log analysis software such as EV-Epidote MIPSPro or PIPPro, Kappa Emeraud, SLB Techlog, or similar.

- Demonstratable skills in development of dashboards and data visualizations using modern data analytics systems (ideally Microsoft Power BI), and/or coding and scripting (e.g. Microsoft Visual Studio, Python etc.)

- Strong mathematics skills with demonstratable high-proficiency in Microsoft Excel and the ability to develop and solve complex equations.

- An excellent command of the English language, both spoken and written, with demonstrable skills and experience in report writing and presenting to customers.

- Ideally a graduate degree qualification in a relevant engineering or science discipline, preferably with experience of petroleum engineering or petrophysical sciences, **or** equivalent vocational qualifications and achievements within one or more of these domains.

- Candidates must be fully eligible to reside and work in Canada.

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