Seismic Analyst

OUR COMPANY

CGG (www.cgg.com) is a fully integrated Geoscience company providing leading geological, geophysical, and reservoir capabilities to its broad base of customers.

JOB PROFILE

Start your career with a recognized leader in the geophysical industry. With CGG’s Subsurface Imaging team, you will learn to create accurate 3D images of the earth’s subsurface to help oil companies minimize drilling risks and improve the efficiency of oil and gas exploration. You will be trained to use knowledge of seismic data acquisition, wavelet processing, and velocity modeling. You will learn to experiment with various geophysical concepts using state-of-the-art imaging software and high-performance computing applications to ensure a high-quality product.

Working as part of a team of Seismic Analysts and Seismic Imagers, emphasis will be on managing day-to-day operations of large projects, providing optimal quality control, identifying problems, and defining ideal solutions. Our Imaging personnel also work closely with our Research and Software Development staff to develop new techniques and tools and collaborate with them to publish information about developing technologies.

Using advanced modeling techniques and cutting-edge data visualization tools, Seismic Analysts create and update seismic velocity models that closely represent subsurface geology. To this end, in addition to learning and applying advanced geophysical concepts, Seismic Imagers also have the opportunity to learn and develop expertise in geology and horizon interpretation.
JOB REQUIREMENTS

- Graduate (PhD or MSc.) degree in Physics, Electrical/Mechanical Engineering, Geophysics, Applied Mathematics, Geology, or other related technical or engineering discipline
- New graduate within the last 12 months
- Strong mathematical and problem-solving skills
- Innovative mindset
- Highly motivated and eager to learn
- Collaborative team player
- Excellent attention to detail
- Strong communication, organizational, and presentation skills
- Experience with a UNIX environment preferred
- Must have the legal right to live and work in Canada

WHY WORK AT CGG?

- Highly intelligent and motivated coworkers who are industry leaders in seismic imaging
- Energetic and challenging-yet-fun work environment, full of imaging problems to be solved and technologies to be developed
- Excellent training and mentorship programs
- Competitive compensation with a quarterly, performance-based bonus program
- Full health benefits and generous RRSP employer-matching program
- Fully stocked break rooms, table tennis / billiards table and onsite gym facilities (fee required)
- We take care of our biggest asset – our people!

Please note, the successful candidate will be required to temporarily relocate to Houston, Texas for the first 6 months to participate in the New Hire Training program in our regional head office.

To apply, please visit our website at www.cgg.com/en/Join-Us/Students-and-Graduates