

SEISMIC IMAGING ANALYST

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 Imaging 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 Imaging Analysts create and update seismic velocity models that closely represent subsurface geology. To this end, in addition to learning and applying advanced geophysical concepts.

- PhD or Masters in Physics, Electrical/Mechanical Engineering, Applied Mathematics, Geophysics or other related technical or engineering degree
- Strong mathematical and excellent problem solving skills
- Innovative mindset
- Highly motivated and eager to learn
- Excellent attention to detail
- Strong communication, organizational, and presentation skills
- Experience in a UNIX environment preferred

JOB REQUIREMENTS

WHO IS CGG?

CGG is a fully integrated Geoscience company providing leading geological, geophysical, and reservoir capabilities.

WHY JOIN THE CGG TEAM?

- 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, plus breakfast on Fridays
- We take care of our biggest asset – our people!