

JOB DESCRIPTION

Job Title: Materials Scientist

Department: Research & Development

Location: San Jose, CA

COMPANY:

Want to disrupt one of the largest industries in the world? Fortera is a Materials Technology Company headquartered in Silicon Valley that has created a new low-cost, low CO₂ cement that can reduce cement emissions by 60% and global CO₂ emissions by 5%. The technology is inspired by nature and directly converts CO₂ into a replacement for ordinary cement, turning a problem into a product. With over ten years of testing and 100,000 hours of R&D backing the technology, Fortera is ready to grow the team and begin commercial production of this exciting new product. Be on the ground floor of a carbon-to-value movement that will impact millions for generations to come. We are looking for passionate thinkers, doers, and problem-solvers who share our vision that big challenges are big opportunities for change. Visit www.ForteraUSA.com for more information.

RESPONSIBILITIES:

- Operate material and chemical testing equipment.
- Responsible for sample labeling, preparation, and mounting samples for analysis.
- Generate comprehensive reports of findings to present to the R&D team.
- Research and create new approaches for analyzing material.
- Manage calibration and maintenance of the equipment.
- Follow established laboratory safety protocols and procedures.
- Maintain and enforce laboratory cleanliness.

MINIMUM QUALIFICATIONS:

- Bachelor's degree in Materials Science or Engineering, Chemistry or equivalent
- 3+ years working in a laboratory environment (professional or academic setting)
- Ability to organize and prioritize work without excess supervision
- Excellent communication skills and eager to work with colleagues
- Experience operating a Scanning Electron Microscope (SEM), X-Ray Diffraction (XRD) is preferred
- Experience operating a Thermogravimetric Analyzer (TGA), Particle Size Analyzer (PSA) is a plus

OUR VALUES AND CULTURE:

Fortera is proud to be an Equal Opportunity Employer. We do not discriminate on the basis of race, religion, color, national origin, sex, gender identity, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other status protected by applicable law.