

bioMASON
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bioMASON Inc.
December 2017

Job: Research Laboratory Technician
Location: Research Triangle Park, NC
Start Date: Effective Immediately, Full Time

bioMASON is a unique biotechnology start-up manufacturing company with a natural process that will revolutionize the building and construction industry. bioMASON employs microorganisms and chemical processes to manufacture biological cement-based masonry building materials in ambient temperatures.

bioMASON is dedicated to finding talented, multi-faceted, hard-working, and passionate people to join our innovative team. We are a young start-up seeking to make a massive impact on carbon emissions. bioMASON believes in a fast-paced, creative working environment that fosters collaboration and innovation unhindered by traditional boundaries.

The company appeals to self-directed, flexible teammates who embrace ambiguity, learn quickly, possess interpersonal skills, and seeks to test ideas through rapid iteration. An insatiable curiosity about biocement, design sensibilities, and customer empathy is required. The work often requires more than 40 hours per week including occasional nights and weekends.

bioMASON is seeking a Research Laboratory Technician This is a Full-time associate position, primarily responsible for the operation, maintenance, and configuration of research bioreactor systems and simulated environment vessels. The successful applicant will have previous experience in microbiology and demonstrate a command of basic laboratory and microbiology operating principles. This position reports to the Research Microbiologist.

Minimum Qualifications:

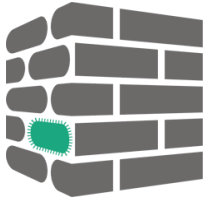
- Bachelor Degree or higher in Microbiology, Biotechnology, or a related field of study.
- Minimum 2-years work experience in an academic or industrial biotechnology laboratory.

Responsibilities Include:

- Setup, configuration, operation, and maintenance of bioreactor fermentation systems and benchtop assay equipment (microplate readers, spectrophotometers, etc.).
- Participation in design, assembly, and maintenance of in-house prototype experimental systems.
- Execute laboratory/pilot-scale experiments.
- Data collection, organization, analysis, and internal dissemination.
- Thorough documentation of experiments and process parameters.
- Assistance in experimental design and assembly of novel systems and processes.
- Performing other duties assigned by your supervisor.

Required Skills:

- Technical expertise and interest in bioreactors and related laboratory simulation equipment.
- Basic understanding of industrial controls and data acquisition systems.
- Ability to configure and program fermentation process control systems.



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- Demonstrable data collection, records management, and analysis skills.
- Experience in microbial fermentation
- Ability to work on small team under tight deadlines.
- Hands on fabrication, plumbing and wiring.
- Experience/familiarity with fabrication tools.

Preferred Qualifications:

- Experience with basic PLC programming and IO configurations.
- Experience with 4-20ma sensor systems.
- Database setup and management.

The Candidate Must Be:

- Organized and possess excellent attention to detail
- Creative, flexible, proactive, punctual, persistent
- A team player
- Ability to Self-Manage
- Comfortable with a demanding fast-paced work environment and ability to excel in a growing environment

bioMASON Employees Must Possess:

- Professionalism
- Integrity and Honesty
- Passion and Motivation
- Analytical Skills
- Intelligence and Aptitude
- Productivity

Must have reliable transportation to the RTP/ Raleigh area.

Please send your resume and **fully completed application** to jobs@biomason.com with the heading "Research Laboratory Technician"

The bioMASON Career application may be found on bioMASON's website, under the "Career" tab http://biomason.com/wp-content/uploads/2015/12/bioMASON_Application-1.pdf

bioMASON Inc. takes affirmative actions as an equal opportunity employer to attract, promote, and retain the most fully qualified candidates without regard to race, creed, religion, color, citizenship status, national origin, sex, age, sexual orientation, predisposing genetic characteristics, genetic information, marital status, status as a domestic violence victim, arrest record, disability, military status, disabled veteran, recently separated veteran, Armed Forces Service Medal veteran, other protected veteran or other characteristic as protected by law.

EOE M/F/D/V