

bioMASON
building with nature

bioMASON Inc.
May 2017

Job: Manufacturing Systems Engineer
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.

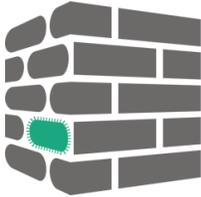
bioMASON is seeking a Manufacturing Systems Engineer. This is a Full-time Associate position, responsible for the development and coordination of production scale manufacturing systems for bioMASON technologies and products. This position reports to the Chief Technology Officer.

Minimum Qualifications:

- Bachelor Degree or higher in Mechanical Engineering, Electrical Engineering, Civil Engineering, or a related field of study.
- Minimum 5-years professional work experience in manufacturing systems design.

Responsibilities, Tasks and Outcomes:

- Coordination with internal teams, external consultants, and vendors for the design, construction, and operation of production scale manufacturing systems.
- Documentation and project management.
- Travel to manufacturing sites for on-site coordination, troubleshooting, and commissioning of new and existing systems.
- Participation in internal development of novel manufacturing technologies including mobile systems of manufacturing.
- Energy consumption analysis and optimization.
- Hands-on experimentation and assembly of internal prototypes and demonstration systems.
- Performing other duties assigned by your supervisor



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Required Skills and Interests:

- Demonstrable experience in production scale materials handling including conveyors and motion systems.
- Ability to design and coordinate fluid storage and delivery systems including pump systems, manifolds, and valve control.
- Experience in process control and data collection systems.
- Understanding of low-voltage DC and 3-phase industrial power systems.
- Computer-aided design and simulation software skills.
- Understanding and ability to implement of regulatory safety standards and compliance (e.g. OSHA, NFPA)
- Ability to work on small team under tight deadlines

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 "Manufacturing Systems Engineer".

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