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

Concrete is the second most consumed substance on earth following water. The production of cement accounts for over 8% of global CO2 emissions. bioMASON is driven by scaled proof that there is a better way to reduce these emissions.

bioMASON's products include proprietary manufacturing processes and materials. bioMASON’s products make it possible to manufacture in ambient temperatures using locally available materials, without using fuel or heat sources. bioMASON enables savings in energy costs and zero carbon emissions.

bioMASON offers the opportunity to manufacture biological cement materials with a revolutionary process that does not use fossil fuels. Instead, products are grown in less than 72 hours using natural biocement® as a binder for aggregates. Aggregate materials are waste and locally sourced. Biocement Products enable manufacturing to take place in ambient temperatures, using existing concrete equipment. bioMASON made products with biocements are tested in ASTM standard labs for strength and durability and exhibit higher performance.

bioMASON is distinguished by its unique technology, manufacturing costs, the use of local materials, greater environmental responsibility, customizable manufacturing process, and relatively low capital requirements.

The first commercially available product is bioLITH® Tile. The company competes in the marketplace through direct manufacturing and contracts.

bioMASON is privately held and headquartered in Research Triangle Park, North Carolina. For additional information, please go to the company’s website at www.biomason.com.

bioMASON is seeking an Information Technology Manager. Information Technology Manager will manage and direct the company’s information technology (IT) operations, ensuring the department provides efficient and effective technical support service. The Information Technology Manager reports to the VP of Finance and Chief Technology Officer.

The Information Technology Manager will be responsible for the organization’s entire IT environment to include the following:

- Analyzes and develops IT infrastructure and systems performance to assess, effectiveness, operating costs, productivity levels, deficiencies and upgrade requirements.
● Researches and evaluates new technologies and negotiates contracts and activities with vendors regarding hardware, software, telecommunications, support, and training; installs, maintains, and upgrades computer workstations and software.
● Establishes efficiency and efficacy standards, providing recommendations for improvement of IT infrastructure.
● Develops and implements business continuity protocols to minimize disruption to business operations in the event of emergency situations or data loss.
● Develops and maintains IT policy to include hardware/software procurement, network use, support, security, and backup, among others and related procedures and training to ensure adherence to policy.
● Oversees security of systems, networks, and enterprise information; facilitates IT security audits and/or investigations.
● Interfaces with other departments and vendors to report and resolve software, hardware, and operations problems; develops system solutions consistent with organizational objectives.
● Responsible for all desktop support and maintenance of IT service ticketing systems, for a 60-70 employee organization.
● Document all issues and resolution steps.
● Manages facilities key card entry systems and troubleshoot when necessary.
● Set up and configure printers, scanners, and other peripherals.
● Maintain and troubleshoot audio visual equipment.
● Maintain inventory of all hardware and software resources and develop “refresh” policy/program.
● Install and configure desktop software
● Install and manage a VoIP phone system and related conferencing equipment
● Develops and implements design, configuration, installation, and maintenance of local area network services.
● Develops and implements policies and procedures related to local area network hardware and software acquisition, use, support, security, and backup.
● Responds to the needs and questions of local area network users; troubleshoots, diagnoses, and fixes hardware and/or software problems.
● Establishes and maintains local area network users, user environment, directories, and security.
● Develops and communicates standards for use, operations, and security of local area network, personal computers, and data; trains users on software and equipment usage.
● Develops and implements disaster recovery procedures; prepares and maintains documentation of local area network configurations and cabling layouts; monitors and maintains local area network stability.
● Provides project management, design implementation, documentation, and operations support for network infrastructure.

Supervisory Responsibilities:
● Hires and trains IT staff.
● Schedules, organizes, and assigns projects to members of the IT team.
● Conducts performance evaluations that are timely and constructive.

Required Skills/Abilities:
● Must possess working knowledge of and direct experience with local area network design, management, and troubleshooting.
● Proficiency in PC and Mac machines.
● Proficiency in G-Suite applications.
● Excellent verbal and written communication skills.
● Proficient in latest technologies for IT systems and management.
● Proficient in Microsoft Office Suite or related software.
● Excellent organizational skills and attention to detail.
● Excellent analytical and management skills.
● Excellent interpersonal skills.
● Through understanding of IT and practical applications to support the company’s goals.
● MCloud, VPN, Slack, Ubiquiti systems, and credentials management.

Education and Experience:
● Bachelor’s degree in Computer Science preferred.
● At least 5-7 years of experience in it and 2 years supervisory experience.
● IT experience working in a manufacturing environment with strong knowledge and skills in infrastructure planning and integration.
● Experienced in working with databases and automation.
● Experienced in a start-up environment in a growth stage.

Physical Requirements:
● Prolonged periods sitting at a desk and working on a computer.
● Must be able to lift up to 35 pounds at times.

The Candidate Must Be:
● Highly organized and possess excellent attention to detail
● An excellent communicator
● Creative, flexible, proactive, punctual, persistent
● A team player
● A self-starter with high energy and initiative
● Comfortable with a demanding, fast-paced work environment

All bioMASON Employees should:
● Consistently demonstrate honesty and integrity through personal example.
● Follow all safety policies and proactively engage in safety initiatives.
● Produce high quality work with a focus on first time right.
● Exhibit a passion and aptitude for learning with an analytical mindset.

We invite all qualified, interested candidates to send your resume to jobs@biomason.com with the heading “Information Technology Manager”. We offer competitive salary, comprehensive benefits package and collaborative culture and opportunity for advancement for driven team members.

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