



Submit resume to Anton Krassilnikov
hardware@voxel8.com
www.voxel8.com

Mechanical Engineering Technician

Voxel8 is pioneering the field of multi-material additive manufacturing. In the past, additive manufacturing has been limited by the types of materials that can be used to create objects, and most platforms have focused on the printing of single material parts for prototyping. Voxel8's ActiveLab® system enables the fabrication of functional parts using engineering grade reactive elastomers with zonally tunable material properties and high resolution color images. This cutting edge technology is currently being applied to fabricate functional athletic shoe uppers, apparel, and medical devices.

We are looking for passionate, truth-seeking individuals who are audacious in their vision of what can be accomplished by technology start-ups. We are driven by the desire to have an impact, and value the ability to “get it done” with a sense of urgency.

Job Title: Mechanical engineering technician

Location: Somerville, MA

Job Summary:

As a member of Hardware team you will be responsible for assemblies, modifications, testing, and calibration of multidisciplinary equipment. You will collaborate with mechanical, electrical, and materials engineers to do tasks ranging from running machines, assembling system components, building test rigs, collecting data, and creating detailed reports.

Job Duties and Responsibilities:

- Conduct system integration, testing, and operation of the developed printer
- Conduct equipment maintenance
- Assemble and operate test fixtures and equipment
- Conduct tests and gather data
- Record, analyse, and organize test data
- Create test reports in accordance with company's procedures
- Take an active role in the development process and provide technical feedback
- Provide regular updates on the status of tasks



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- Maintain accurate and complete project records; document progress in detailed reports which indicate verification and validation of tests
- Interface with multiple functional disciplines for design input, requirements and potential solutions to problems
- Prepare CAM files and produce parts utilizing CNC machines

Required Skills:

- Extensive hands on experience in assembly of complex mechanical and electro-mechanical systems
- Experience in multidisciplinary equipment testing
- Proficiency in CAM applications and CNC machining (Haas)
- Experience in working with electronic components and systems
- Experience in preventive and ongoing maintenance of production equipment
- Knowledge of engineering standards and GD&T
- Executing on complex tasks on tight deadlines
- Effective problem solving capabilities
- Organized and capable of creating accurate detailed reports

Preferred Skills:

- Familiarity with CAD applications (SolidWorks)
- Self-motivated
- Team player
- Strong collaboration skills
- Experience in working with mixing and dispensing equipment
- Enjoys building and making things work
- Enjoys learning new skills quickly
- Positive attitude

Education Requirements:

- Associate's degree in mechanical engineering

Experience

- 3-5 years previous experience in mechanical/electronic development in an innovative and dynamic environment