DIGITAL FABRICATION LEAD

Tri-Lox is a design, custom fabrication, and millwork practice that works with regionally-sourced, sustainable wood. Since its establishment in 2010, our Greenpoint-based operation has been committed to innovative design, environmental integrity, and community stewardship. Our growing business develops unique installations and products for a diverse clientele in public, commercial, residential, and exhibition spaces.

We are seeking a creative and driven individual to support the Tri-Lox fabrication team. Working in close collaboration with the company leadership, project managers and fabrication team, the Digital Fabrication Lead will be critically involved in engaging and diverse projects for a variety of clients.

The ideal candidate is passionate about design, proactive, organized, detail-oriented, and eager to take on challenges independently while also working in a collaborative environment. This person will be vital in completing complex projects and furthering the company mission of social and environmental impact.

Responsibilities and Tasks:

- Lead CNC fabrication and associated operations - Primarily fabricating custom millwork, architectural assemblies, furniture, and art.
- Assist in assembly and periodic installation of digitally fabricated components.
- Production of precision RhinoCam cut files, digital models and associated shop drawings.
- Collaborate in developing fabrication means and methods, production efficiency strategies, and engineering of architectural components.
- Plan and oversee digital fabrication of ongoing orders for our wood products and components division.
- Manage CNC machine upkeep, maintenance and troubleshooting.

Skills and Qualifications:

- Deep commitment to sustainable practices with a keen interest in architecture and design.
- 3-5 years of experience in architectural fabrication or a related industry.
- Well-versed in digital fabrication and conventional construction methods.
- Bachelor's degree preferably in the fields of architecture and design or related disciplines.
- Advanced knowledge of Rhino 3D and Grasshopper for parametric modeling and automated fabrication.
- Experience Programming RhinoCAM for 3-Axis CNC milling.
- Excellent planning and organizational skills with close attention to detail.
- Ability to effectively manage time and work independently on multiple projects concurrently.

Hours: Full-time  |  Compensation: Commensurate with experience with PTO and benefits package available

How to Apply

Interested and qualified candidates should submit a single PDF including a one-page cover letter, one-page resume, and representative writing and/or graphic design samples of up to five pages to info@tri-lox.com with "Digital Fabrication Lead" in the subject line. Candidates will be evaluated based on previous experience and work samples.