



Position Opening: Mechanical Engineer

Position Summary:

- Design, manufacture, and assemble soft robotic prototypes in a state-of-the-art metal and polymers laboratory
- Apply sound engineering and design principles for manufacturing of Client actuators and sensors
- Design, build, install, and operate custom 3D printing hardware
- Collaborate with researchers and engineers to prototype hardware solutions, iterate, and run experiments.

Required Qualifications:

- BS in Mechanical Engineering, Mechatronics, or equivalent experience
- 3+ years of experience in building hardware prototypes, preferably in
- 3+ soft robotics, mechatronics, or a similar field
- Experience with SolidWorks CAD modeling and Design for Additive Manufacturing
- Experience with more than one type of polymer 3D printing

Additional Preferred Qualifications:

- Knowledge of photopolymer material systems and/or manufacturing processes such as: Stereolithography, Digital Light Processing, UV-Direct Ink Writing, or Ink Jetting
- Hands-on prototyping with molding and casting of elastomers or industrial processes such as Liquid Injection Molding.
- Familiarity with pneumatic or electrostatic actuators
- Experience collaborating and communicating effectively on multi-disciplinary teams
- Experience working in a fast-paced, dynamic environment

To apply to this position please submit a cover letter and resume by email to: info@3dxindustries.com

We would like to thank all applicants in advance for submitting their application. Please note, only those candidates chosen to continue through the selection process will be contacted.