

**Job Title: Mechanical Engineer (Entry Level)**

**Apply:** <https://airtable.com/shrh06JdB0IPgk5R9>

**More Info:** <https://www.solvusglobal.com/careers>

**Job Type: Full Time, Salary**

## **At Solvus Global, We Are...**

*Innovators, Engineers, Entrepreneurs, Makers, Creators, Dreamers, DOERS*

Solvus Global is a technology innovation start-up focused on solving problems in the materials and manufacturing space. We are a diverse team of engineers & scientists dedicated to leveraging our Knowledge Capital to develop critical solutions for our customers. Often, those solutions have much greater impact than just one organization and so we focus our innovations on Enterprise Solutions. Our team spins out core technology areas into standalone startups ready to build a team, raise capital, and launch a product/service that solves a critical challenge across entire market domains in materials & manufacturing.

## **The Opportunity with Solvus Global Is...**

*Dynamic, Engaging, Cross-Disciplinary, Cutting-Edge, Flexible, EMPOWERING*

We are looking for a full-time Mechanical Engineer who loves working in a dynamic environment and is excited to grow with a team around advanced additive technologies. As a mechanical engineer with Solvus Global you will work with team members from many fields (mechanical, controls, software, etc.) to develop the process & procedure, validate the process, and ultimately deploy the process into full production.

As an entry-level mechanical engineer on this team, you will especially be responsible for supporting rapid innovation in design and process development, as well as prototype testing and analysis to ensure that our teams outputs meet our customers' needs. Your day-to-day responsibilities will include contributing to team activities, designing, and executing experiments, mechanical design, analyzing additively manufactured materials via mechanical testing and assisting selection of ideal materials.

### **Required Attributes & Skills**

- Degree or certificate in Mechanical Engineering or 3 years of experience in mechanical design, testing, and analysis
- Ability to take & give direction
- Technical mechanical or material experience
- Data entry and handling as well as report writing
- Desire to develop new skills on the job
- Understanding of mechanical design principals, GD&T, DFM
- Proficiency in Microsoft Office
- Proficiency in CAD, Solidworks, or Fusion360
- Interest, understanding, or experience working in a regulated environment (Aerospace, Medical, ISO9001, AS9100D)

### **Advantageous Attributes & Skills**

- Degree in Mechanical, Materials or Welding Engineering
- Excellent communication skills
- Experience in additive manufacturing and / or mechanical assemblies and motion controls
- Desire to work in a team-based environment
- Experience with mechanical testing (i.e. tensile, wear, bend, shear testing per ASTM standards)
- Experience with machining equipment, lathe, mill, CNC
- Background understanding or knowledge of Cold Spray, WAAM, DED, FSAM
- Experience with robotic operation of ABB and FANUC robotic systems
- Understanding of robotic path planning and 3D printing
- Experience with non-destructive and/or destructive evaluation techniques