

Job Title: Senior Materials Engineer / Senior Machine Learning Engineer

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 Senior Materials Engineer with heavy experience in machine learning OR a Senior Machine Learning Engineer with heavy experience in applying machine learning to solve materials problems. Either individual will love working in a dynamic environment and is excited to grow with a team around advanced additive manufacturing & material technologies.

As a Senior Materials + Machine Learning Engineer on this team, you will especially be responsible for leading small technical teams through execution of data generation, feature engineering, and machine learning for materials improvement and optimization, and quality control and process optimization to additive manufacturing and related processes. You will also be responsible for interfacing with both external customers and partners to bring groups together and ensure that our teams meet our customers' needs. Your day-to-day responsibilities will include leading team activities, work with team members from many fields (mechanical, controls, software, data science etc.) to define the problem space, propose a solution, design the architecture, lead projects, and support development of the final product.

Required Attributes & Skills

- Technical expertise in machine learning including dealing with shallow data sets, leveraging simulated data to augment a data set, incorporating physics-based features alongside data-driven features, and an understanding of how to run experiments that will generate additional, usable data in a training/testing/validation sequence.
- Technical expertise in materials engineering; ideally related to metals and/or additive manufacturing
- Experience leading teams in project execution
- Excellent communication skills with both technical and non-technical audiences
- Must be a US Person according to [FAR22 CFR 120.15 - US Person](#) with ability to work on Export Controlled projects

Advantageous Attributes & Skills

- Degree in Materials Engineering or related field with relevant materials experience
- Degree in Computer Science or related field with machine learning experience
- Experience in additive manufacturing
- Desire to work in a team-based environment
- Desire to develop new skills on the job
- Ability to take and give direction well
- Strong desire to understand both technology and business aspects of engineering
- Experience in revenue generation and strong understanding of business value
- Demonstrated capability of interfacing with external customers