





Title of DTI Project

Additive Manufacturing Service Development

Role Profile/Job Description

 **Digital Manufacturing Internship – Additive Manufacturing Workflow & Prototyping** Join a specialist engineering company on an exciting project to bring 3D printing into their production process. You'll help design and test a new scan-to-print workflow for embossing rollers, making product development faster and more flexible.  **What you'll do:** Build a repeatable 3D printing process using Fusion 360, KeyShot, and Formlabs tools. Create and test real prototype rollers using in-house equipment. Develop a practical cost model for the new service. Write easy-to-follow guides and train the team to use the new tools.  **Why it matters:** This project is a key step in the company's digital transformation, helping reduce lead times and open up new revenue streams through advanced manufacturing.  **What you'll need:** CAD experience (Fusion 360 ideal). Basic knowledge of 3D printing and file preparation. Good documentation and communication skills. Interest in hands-on problem solving with support from industry experts. You'll leave with real experience in additive manufacturing, digital workflow design, and technical communication – plus a big impact on a growing business.

Duration of internship

300 hrs

Business Overview

The Client, based in Heywood, Lancashire, specialises in precision embossing technology for global converting industries. With over 80 years of combined experience, the company recently invested in 3D scanning and aims to integrate additive manufacturing (AM) to accelerate prototyping and reduce production lead times.

Skills required

- Familiarity with CAD software (Fusion 360 preferred)
- Experience with 3D printing workflows and file preparation
- Understanding of cost modelling or basic financial tools
- Proactive communication and documentation skills
- Willingness to engage in hands-on learning with industry mentors

Location

Lancashire

Start date

As soon as possible