



# Digital Technology Internship Placement

## Employer Information:

'Made Smarter' is a Government funded pilot programme, matching your expertise, skills, and insight to help North West businesses implement digital tools. You will be working on a live project while gaining valuable experience for your C.V.

**Placements are open to 3<sup>rd</sup> and 4<sup>th</sup> Year Undergrads, MSc, and Postgraduate Students**

## Placement Information

<b>Job Title:</b>	IIOT/Data Analysis
<b>Business Overview</b>	Micro Gin Distillery producing award-winning classically distilled gins, gin elixirs, gin marmalade and interactive products. Run by a husband and wife team.
<b>Location:</b>	Ulverston, Cumbria
<b>Number of posts:</b>	ONE
<b>Job Description:</b> <i>Please include as much information as possible including main purpose and detailed duties/responsibilities</i>	<p><b>Vision:</b> Our client wants to use digital technology to increase the visibility of our production process. This will allow us to respond quickly, flexibly and cost effectively to market demands, with no loss of quality.</p> <p><b>Strategy:</b> Use pilot projects to help explore the viability of a product or process change and identify how well the company is equipped to innovate in this area.</p> <p><b>Objectives:</b></p> <ul style="list-style-type: none"><li>- Better understanding of variables</li><li>- Better quality of product</li><li>- More consistency</li><li>- More products</li></ul> <p><b>Work Plan:</b></p> <ol style="list-style-type: none"><li>1. Research into the development of a sensor network</li><li>2. Prototype connected machine</li><li>3. Roll out sensor fitting to other machines</li><li>4. Develop cloud-based data analytics and visualisation</li></ol>
<b>Expected areas of knowledge:</b>	<b>Essential skills:</b>

	<ul style="list-style-type: none"> <li>- IoT devices</li> <li>- Some familiarity with programming</li> <li>- Interest in Industry 4.0 technologies</li> </ul> <p><b>Soft skills:</b></p> <ul style="list-style-type: none"> <li>- Friendly</li> <li>- Able to work as part of a team</li> <li>- Motivated to work independently where required</li> <li>- Good presentation and communication skills</li> <li>- A passion for digital technologies</li> <li>- Thorough attention to detail</li> </ul>
<b>Salary:</b>	£12.00 p/h (£5,760 per placement)
<b>Placement Start Date:</b>	As soon as possible
<b>Duration of Placement:</b>	480 Hours on a full-time, part-time, or flexible schedule