



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 3rd and 4th Year Undergrads, MSc, and Postgraduate Students

Placement Information

Job Title:	Systems Integration
Business Overview	<p>Based in Manchester, the client is a manufacturing group that provides fast track, just in time production to brands, retailers and wholesalers. They manufacture a diverse range of print and textile products which are marketed under four product brands.</p> <p>The company has built its reputation as the manufacturing and fulfilment partner of choice for online retailers serving consumers with a diverse range of "made to measure" home products including window blinds, printed matting and digitally printed textiles. Once a sales order is received, it is manufactured and despatched directly to their customer's customer within a few days.</p> <p>The short lead times and direct fulfilment model enables their customers to operate with minimal stock, thereby reducing working capital and avoiding the risk of lost sales. The company's flexible, reactive manufacturing is a compelling alternative to overseas supply options, and this has led to year-on-year sales growth over each of the past 4 years.</p> <p>They are enthusiastic to adopt digital technologies wherever they can have a positive impact on their growth. As they have grown and enthusiastically adopted a wide array of different cloud based solutions they have created a confusing data infrastructure which may expose the business to risk through cyber-attack, loss of data etc. They need to understand where these risks lie and how they can migrate safely to a new, more robust data management platform that will support further growth.</p>
Location:	Denton, Greater Manchester
Number of posts:	ONE
Job Description: <i>Please include as much information as possible including main purpose and detailed duties/responsibilities</i>	The project will focus on data management across the business, reviewing their current systems, Xero, Zoho, Google sheets and in-house bespoke solutions, considering how they link together, or don't as the case maybe. It should also aim to identify the holes where they do not generate or use the data available.

	<p>The output of the project will help them invest wisely in a robust, integrated platform for gathering, storage, and controlling data that supports accurate and timely reporting and minimises further cyber threats. Preferably this new solution will be implemented in a way that retains what they have learned from the adoption of key applications such as Xero and Zoho.</p> <p>The company utilises several different cloud-based systems to control fundamental business processes in finance, sales and manufacturing. Some of these applications are integrated, allowing data to flow from one to the other without manual input, others operate as isolated systems. They also have key processes that are still very manual with limited reporting in areas such as inventory. There may well be other areas of the business where data management and reporting are absent or inadequate when benchmarked against other businesses.</p> <p>They need the input of a suitably skilled intern to look at their practices and systems with fresh eyes and:</p> <ul style="list-style-type: none"> • map existing business processes • map the flow of data used in existing processes • identify where the business is vulnerable to internal and external threats • Identify where existing processes and data infrastructure may present obstacles to growth • create an ideal map of business processes and data usage that supports productivity, is resilient to internal and external threats and is scalable to support future growth plans <p>The business has identified two potential vendors who are keen to work collaboratively with them to support the intern in creating a report that enables them and other vendors to propose solutions shortly after the project is complete.</p>
Expected areas of knowledge:	<ul style="list-style-type: none"> • A solid understanding of business processes from design, through manufacturing to final invoice • Value chain mapping - Business processes • Data analytics • Digital business processes and applications • Good understanding of the potential and intended benefits of ERP. • Good communicator – a team player who can also work independently. • University support with regard to best practice (sales to invoice) • IT and OT infrastructure components • IT and IIT Networks • Cyber Security • Process Design • Functional Design • IT system modelling techniques
Salary:	£12.00 p/h (£5,760 per placement)
Placement Start Date:	As soon as possible
Duration of Placement:	480 Hours on a full-time, part-time, or flexible schedule