



# 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>Role Title:</b>	Systems Integration/Data Science – ERP <b>Reference: 17884Z</b>
<b>Business Overview</b>	<p>Automotive, rail, nuclear, chemical, and aerospace all depend heavily on the integrity of safety critical systems to protect life and property. For over 30 years, the client has grown an enviable reputation for safety critical engineering services through working with many leading companies in these essential sectors.</p> <p>The business is an ISO 9001:2015 company with comprehensive in-house engineering facilities including precision machining, fabrication and welding, laser cutting and water jet cutting.</p> <p>The company's problem-solving capabilities also extend to reverse engineering of obsolete or hard to replace parts or tooling.</p> <p>As an innovative business, they are enthusiastic to adopt digital technologies wherever they can have a positive impact on their growth.</p>
<b>Location:</b>	Ellesmere Port, CH65 4AJ
<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>The client wish to deploy a Management Information System (MIS) or Enterprise Resource Planning system (ERP), which is highly configurable and wholly appropriate to the nature of their business, which shall form the backbone of their business upon which all data and information interchange shall take place. This will allow them to better estimate the costs associated with contract work that they bid for or take on, provide visibility of WIP, process orders more efficiently, better manage their liaison with their customer base and suppliers and provide transparency of their day to day operations and KPIs.</p> <p><b>Intern Work Plan:</b></p> <p>Study of current working practices and system including areas such as:</p> <p><b>Goods in</b> – <i>Receipt of goods and materials, traceability, Approved supplier criteria to ensure ISO Accreditation.</i></p>

	<p><b>Purchase orders</b> – Official written PO being dispatched rather than just a PO number being provided linked to the businesses accounting system.</p> <p><b>Estimation processes</b> – Collation of job details to accurately determine price, margin &amp; quotation generation</p> <p><b>Job control, workflow and planning systems</b> – Job planning and measurement of working hours/ materials used versus estimated volumes, Timeline calendar forecasts versus agreed delivery deadlines.</p> <p><b>Proof of delivery procedures</b> – Automated and digital confirmation of receipt of goods, rather than paper-based systems.</p> <p><b>Other areas</b> – that will become apparent as we revisit and refine our value chain map</p> <p>2. Production of a workable plan reflecting current practices also identifying the gaps</p> <p>3. Engage with multiple ERP vendors, with support from Made Smarter to find a solution that best suits the organisation and the nature of the business</p>
<p><b>Expected areas of knowledge:</b></p>	<ol style="list-style-type: none"> <li>1) Good understanding of the potential and intended benefits of an ERP solution</li> <li>2) Good understanding of business processes, preferably in a bespoke engineering environment</li> <li>3) Good communication skills, both written and verbally</li> <li>4) A team player but capable of working independently either under instruction or with flare to improvise</li> <li>5) A good understanding of IT and networks</li> <li>6) Process Design</li> <li>7) Functional Design</li> <li>8) IT system modelling techniques</li> </ol>
<p><b>Salary:</b></p>	<p>£12.00 p/h plus 58 hours annual leave (£6,456 per placement)</p>
<p><b>How to apply:</b></p>	<p>By e.mail <b>quoting the reference</b> to Amanda Lyons, Made Smarter DTI Placement Adviser at: <a href="mailto:amanda.lyons@growthco.uk">amanda.lyons@growthco.uk</a></p>
<p><b>Placement Start Date:</b></p>	<p>As soon as possible – July 2021</p>
<p><b>Duration of Placement:</b></p>	<p>480 Hours on a full-time, part-time, or flexible schedule</p>
<p><b>Additional Info:</b></p>	<p>You will be required to register your interest in a Digital Technology Internship with Made Smarter on our website at: <a href="http://www.madesmarter.uk">www.madesmarter.uk</a></p> <p>C.V's can be uploaded at the point of registration. Your details will be stored to allow us to contact you for any future suitable opportunities.</p>