



# Digital Technology Internship Placement

## Employer Information:

'Made Smarter' is a Government funded 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>	<b>Systems Integration/Software Development Project</b> <b>Reference: 10543Z</b>
<b>Business Overview</b>	Formed in 2015 and based in Knowsley Business Park, the business is a manufacturer of crude Omega 3 Oil from plant algae which is further processed into the finished refined oil product and sold directly to food manufacturers as additive ingredients or to be made into capsules for consumers of vitamin supplements. The facility is the commercialisation site for Mara Renewables in Nova Scotia Canada who own the IP to the algae strains and extraction process used to create the oil. Using a fermentation batch process the site is currently expanding its capacity by 50% to take advantage of the growth in demand across the world for plant based, sustainably sourced health products and food supplements.
<b>Location:</b>	Prescot, Merseyside, L34 9HY
<b>Number of posts:</b>	ONE
<b>Project Description:</b> <i>Please include as much information as possible including main purpose and detailed duties/responsibilities</i>	<p>Rationalise the data and processes in place to enable the effective implementation of Sage X3 ERP manufacturing system, data entry and validation. Assessment and potential deployment of MES interface between ERP and DCS systems to maximise analytics.</p> <p>The goal is to automate the processes as much as is possible without losing flexibility and control, and to maximise the information to enable the business to be more effective and able to grow and adapt easily and cost effectively. This involves having fully integrated systems implemented effectively that supports the business and its ambitions.</p> <p>There is currently an overreliance on spread sheets, duplication of data reporting and analysis and significant time taken up retrieving data to be analysed, some of which is time sensitive and thus already out of date by the time the task is completed.</p>

	<p><b>Scope of work:</b></p> <ul style="list-style-type: none"> <li>• Identify workflows and assess requirements</li> <li>• Help facilitate an understanding of the needs for each area within the processes and identify, and test solutions</li> <li>• Assist in the research and identification of interface systems</li> <li>• Collect and clean data and information</li> <li>• Help develop procedures and guidance for the continued use of selected systems</li> <li>• Generate information graphics to support decision makers in their understanding of workflows and data</li> <li>• Participate in information management discussions and the design of solutions, including templates</li> <li>• Liaise with relevant in-house and external partners where appropriate</li> <li>• Provide other relevant assistance as needed.</li> </ul>
<p><b>Expected areas of knowledge:</b></p>	<ul style="list-style-type: none"> <li>• ERP architecture</li> <li>• Process system flow</li> <li>• LEAN principles</li> <li>• Data analysis skills</li> <li>• Computer literate with good working understanding of Excel, Word &amp; Powerpoint</li> <li>• Understanding of business needs and accounting practices/principles</li> <li>• Key performance metrics in a manufacturing environment.</li> <li>• A good level of mathematical ability</li> <li>• The ability to analyse, model and interpret data</li> <li>• Problem-solving skills</li> <li>• A methodical and logical approach</li> <li>• The ability to plan work and meet deadlines</li> <li>• Accuracy and attention to detail</li> <li>• Interpersonal and teamworking skills</li> <li>• Written and verbal communication skills</li> <li>• Flexibility, Adaptability and Initiative</li> </ul>
<p><b>Salary:</b></p>	<p>£12.00 p/h (£5,760 per placement)</p>
<p><b>How to apply:</b></p>	<p>Via e.mail <b>quoting reference</b> to Amanda Lyons, Made Smarter DTI Placement Manager 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/Aug 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>