

MADE SMARTER Digital Technology Internship Placement

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

Placement Information

Job Title:	<p>Data Management, Integration and Visualisation to create a Production Management Integrated Data Solution</p> <p>Reference: 78Z</p>
Business Overview	<p>A family run business based in Stockport. They manufacture low protein foods for people with inborn errors of metabolism which effect roughly 1/10'000 people in the UK. In the UK the vast majority of their products are available via the NHS.</p> <p>Their products range from dried pasta, flavoured pasta sachets, breads, baking mixes, through to snacks and soups. All satisfy the needs of people with phenylketonuria (PKU) which is the body's inability to breakdown protein.</p>
Location:	Stockport, SK1 2AE
Number of posts:	ONE
Job Description:	<p>Project Overview: Data Management, Integration and Visualisation to create Production Dashboards incorporating data stream from automated packing machine with existing business data in multiple systems.</p> <p>The project will involve learning about all current sources of data collected including the data stream from the new machine; evaluating how effective the current methods of managing that data are and researching the best way to integrate the different data sets/systems to enable best use of the data to inform Production planning and management.</p> <p>Data visualisation would also be a key consideration – making dashboard(s) for easy visual analysis aiding collaborative decisions.</p> <p>The project will work with the current data systems that are fragmented and enable them to be integrated to produce useful holistic data in the form of Production Dashboards showing accurate performance data.</p> <p>The work plan: Phase 1 – Research Weeks 1 – 4 Review current state with existing data from Automated Packing Machine; Monday; Sage and Excel and discuss current planning processes with the internal team. Explore how data is currently managed with a view to integrating or data transfer to any new system</p> <p>Weeks 5 – 8 Investigate existing software options and conduct feasibility study using free s/w trials etc.</p>

	<p>Work with a data set gathered from current systems to test and qualify best fit</p> <p><i>Phase 2 – Recommendations</i> Weeks 9 - 12 Present the findings from the research to enable the client to make an informed choice. Include data visualisation/dashboard options in the recommendations.</p> <p>If a solution is selected, work to implement this via Data management; integration or transfer and data visualisation to create a working Production Management system with Production Dashboards.</p>
Expected areas of knowledge:	<ul style="list-style-type: none"> • Data management, data analysis and data visualisation skills • Great communication skills to understand system requirements from the people who will be using it • Confidence/experience in dealing with software suppliers to enable full feasibility testing and solid integration functionality
Salary:	£12.00 p/h (£5,760 per placement)
How to apply:	By email to the Organisation and Workforce Development team at Made Smarter : ruth.hailwood@growthco.uk
Placement Start Date:	ASAP
Duration of Placement:	480 Hours on a full-time, part-time, or flexible schedule
Additional Info:	<p>You will be required to register your interest in a Digital Technology Internship with Made Smarter on our website at: www.madesmarter.uk</p> <p>C.V's can be uploaded at the point of registration or forwarded directly. Your details will be stored to allow us to contact you for any future suitable opportunities.</p>