



<b>Job Title:</b>	Research Engineer	<b>Travel Required:</b>	Limited
<b>Department/Group:</b>	Research & consultancy	<b>Position Type:</b>	Full Time
<b>Location:</b>	Harrogate	<b>Area</b>	UK
<b>Salary Range:</b>	£30,000 - £35,000	<b>Work Pattern</b>	Monday – Friday
<b>HR Contact:</b>	Fiona Bradley	<b>Equipment</b>	
<b>Will Train Applicant(s):</b>	Yes	<b>Issues</b>	August 2021

#### Applications

Please email your CV and a covering letter as to why you think you are suitable for this role.

Please include salary expectations and reasons for leaving your current role

[hr@synthotech.co.uk](mailto:hr@synthotech.co.uk)

Please put the Job title in the subject box

#### Job Description

**Overview:** This position offers the successful applicant an exciting, challenging and interesting role in an innovative research company delivering robotics and energy systems transition solutions to global utility providers. The role includes customer presentation, project management, research & development, ideation, testing, build and reporting.

#### Role and Responsibilities:

- Mechanically biased research engineer
- Develop 3d designs and schemes and test systems
- Complete various research projects to time and budget
- Manage research and development projects and complete documentation of findings
- Design mechanical design
- Development and mechanisms and
- Produce detailed specifications, value propositions and business cases
- Develop MVP prototypes and demonstrations
- Build presentations, reports and proposals
- Manage project resources and acquisitions
- Work with Engineering functions to provide clear and concise specifications and documentation
- Prioritise and plan effectively across multiple complex projects

#### Personal Attributes

- Personable professional and driven team player with good organisation
- Be self-reliant and motivated
- Be forward thinking and always looking for new business opportunities
- Be able to present your ideas in a logical manner
- Have excellent communication skills and be happy to speak in front of groups of people
- Have an interest in product development

#### Qualifications and Education Requirements:

- STEM degree. PHD desirable
- Strong IT skills inc Solidworks and programming (Python)
- Strong MS user
- Previous research or consulting experience is desirable
- AI / ML experience desirable

#### Skills and capabilities

- Be highly competent in test and measurement
- Complete numerical and calculations and models
- 3D printing and modelling
- Able to develop a rapport quickly with customers, adopting a friendly confident approach

- Desire to deliver high levels of customer service
- Good IT skills including the ability to use MS Word/Excel/Outlook using an accountancy package
- Excellent numeracy skills, at ease working with numbers, formulas and projections
- Highly organized and able to multi task
- Understand the needs of others and demonstrate willingness to help and work flexibly
- A flexible approach and able to thrive in a changing environment
- Enthusiastic and able to take the initiative

Last Updated By:	06/08/2021
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