WMG
Project Assistant (Battery Systems)
£9.05 per hour (+ £1.09 holiday pay)

Fixed Term Contract: 4 Weeks Full Time (with the possibility of a further 4 weeks’ employment through the partner SME. Applicants must therefore be available for the full 8 weeks)

Working with supervision from WMG’s Energy Storage and Management Group and SME Group you will assist a small number of SMEs in generating a flexible battery sizing calculator tool. The applicability of the battery sizing tool is also dependent on relevant input data which are the prospective battery cell characteristics. This data is generally available but from a diverse range of sources which needs collated and understood. You will also work directly with the SMEs to understand their need related to battery specification, to ensure the tool delivers value.

The post will be predominantly based at WMG, University of Warwick, Coventry. The SMEs are still to be confirmed, but are likely to be West Midlands based.

You will be employed for 4 weeks with WMG, University of Warwick, however at the conclusion of the 4-week period, the placement may be extended for a further 4 weeks with the partner company. Applicants must therefore be available for the full 8-week period.

You will ideally be educated to or working towards degree level in a relevant engineering fields (or equivalent).

This post is not eligible for sponsorship and applicants must be eligible to work in the UK under present visa arrangements.

If you are interested in applying for this internship please send a covering letter and CV to Sam Hounsell, Administration Assistant (HR), email address: wmghr@warwick.ac.uk by 11/05/2016. Please quote the reference number WMG005/16 in all correspondence.
JOB DESCRIPTION

POST TITLE: Project Assistant (Battery Systems)

DEPARTMENT: WMG

POST RESPONSIBLE TO: WMG SME Group, University of Warwick

SALARY IN THE RANGE: £9.05 PER HOUR (+ £1.09 HOL PAY)

REFERENCE NUMBER: WMG005/16

CLOSING DATE: 11/05/2016

JOB PURPOSE:

The WMG SME team wish to hire an intern to generate a flexible battery sizing calculator tool for use in a range of application settings for various small and medium sized businesses. The studies are expected to include meeting with the partner businesses to understand need and derive a requirement, a data gathering exercise of battery cells of a range of different chemistries and sizes, analysis and grouping of battery cells, capturing trends, and analysis of usage cases.

The post will be predominantly based at WMG, University of Warwick, Coventry. The SMEs are still to be confirmed, but are likely to be West Midlands based. This may be flexible depending on personal situation.

DUTIES AND RESPONSIBILITIES:

1. Work with SMEs to define requirements
2. Identify the application sectors of interest
3. Locate and file suitable battery specification sheets
4. Document the range of existing battery cells
5. Analyse similarities / trends in existing battery cells
6. Contribute to formation of a suitable on-line tool by WMG SME team
# PERSON SPECIFICATION

**POST TITLE:** Project Assistant (Battery Systems)  
**DEPARTMENT:** WMG

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>ESSENTIAL (E) or DESIRABLE (D) REQUIREMENTS</th>
<th>MEASURED BY:</th>
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<tr>
<td>The post holder must be able to demonstrate:</td>
<td></td>
<td>a) Application Form</td>
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<tr>
<td>Educated to, or working towards a relevant science or engineering degree (or equivalent).</td>
<td>E</td>
<td>b) Test/Exercise</td>
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<td>Ability to work flexibly and collaboratively as part of a team and on own initiative</td>
<td>E</td>
<td>c) Interview</td>
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<td>Experience of data gathering and analysis</td>
<td>E</td>
<td>d) Presentation</td>
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<td>Good organisational skills</td>
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<td>Excellent oral and written communication skills</td>
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<td>Knowledge of relevant battery application sectors.</td>
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<td>Scientific interest &amp; knowledge in energy storage systems</td>
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**MEASURED BY:**  
a) Application Form  
b) Test/Exercise  
c) Interview  
d) Presentation
FURTHER PARTICULARS

For further information about the University of Warwick, please visit our website at http://www2.warwick.ac.uk/services/humanresources/jobsintro/furtherparticulars

For further information about the Department of WMG, please see our website at http://www2.warwick.ac.uk/fac/sci/wmg

For further information about WMG’s SME Group http://www2.warwick.ac.uk/fac/sci/wmg/business/sme/

For further information about WMG’s Energy Innovation Centre http://www2.warwick.ac.uk/fac/sci/wmg/research/hvmcatapult/research/energyinnovationcentre/
Recruitment of Ex-Offenders Policy

As an organisation using the (DBS) Disclosure and Barring Service to assess applicants’ suitability for positions of trust, the University of Warwick complies with the DBS Code of Practice and undertakes not to discriminate unfairly against any subject of a Disclosure on the basis of a conviction or other information revealed. More information is available on the University's Vacancy pages and applicants may request a copy of the DBS Code of Practice.