2013 SUMMER INTERNSHIP ROLE PROFILE

<table>
<thead>
<tr>
<th>Job title</th>
<th>Summer Intern</th>
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<tr>
<td>Business Unit</td>
<td>Shared Services</td>
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<tr>
<td>Function</td>
<td>Advanced Technology Centre</td>
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<td>Information Processing Capability</td>
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<td>Hiring manager</td>
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<tr>
<td>Job type</td>
<td>Fixed Term (employed through SEMTA)</td>
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<tr>
<td>Location of Role</td>
<td>Filton, near Bristol</td>
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Role profile

The Advanced Technology Centre is the research and technology arm of BAE Systems. In partnership with the businesses and educational establishments with whom we work, we innovate and develop to transform aspiration and vision into engineered reality.

We provide research & development, consultancy, specialist manufacturing and technical services for BAE Systems businesses. Additionally, our expertise has helped the UK MOD, US Department of Defense, European Space Agency, UK Sport, universities and other leading innovative organisations achieve their goals.

The Information Processing Capability is based in Filton, near Bristol.

What you will be doing (Role Duties and Responsibilities)

As a Research Associate your main responsibilities will involve supporting our research scientists in the development of leading technology in the Information Processing Department. Area of interest include:

- Autonomous Systems
- Multi – Target Tracking
- Knowledge Elicitation
- Video Analytics

Work ranges from extending theoretical state-of-the-art to building physical systems in software and hardware. Students will be involved in the concept, theory, design, implementation and testing of novel methods within a variety of complex scenarios.

What we are looking for (Skills and Experience)

Qualifications / Skills required:

- A predicted (or achieved) 2:1 degree in a relevant discipline and 280 UCAS points.
- Currently studying for a degree in Computer Science, Maths, Software Engineering, Physics or a related discipline
- Highly motivated with the ability to quickly digest and apply new concepts and develop novel solutions to challenging problems
- Able to work independently as well as in a team
- Experience in any of the following areas would be an advantage, but is not essential as relevant knowledge will be gained during placement:
  - Matlab, Java, C++ etc.
- The candidate will be expected to be responsible for the delivery of outputs to the required quality, time and budget.