### PERSON SPECIFICATION

Embedded Image Processing System Engineer (KTP Associate)

For a Knowledge Transfer Partnership between the:
UNIVERSITY OF HERTFORDSHIRE and ZIATH LTD

<table>
<thead>
<tr>
<th>REQUIREMENTS</th>
<th>ESSENTIAL</th>
<th>DESIRABLE</th>
<th>METHOD OF ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Qualifications and Training</strong></td>
<td>• Good undergraduate degree in Electronic Engineering, Computer Science, or other related subject.</td>
<td>• MSc in Mathematics, Electronic Engineering, Computer Science, or PhD in related subjects</td>
<td>1,2,4</td>
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</tbody>
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| **Previous Experience** | • Proven experience of writing code in a suitable programming language such as C, C++, Python, etc.  
• Understand Image processing concepts.  
• Experience with Linux operating systems.  
• Experience in Image processing. | • Experience of embedded image processing systems with FPGA or DSP hardware.  
• Experience of image processing with machine learning algorithms.  
• Experience with ARM. | 1,2, 3 |
| **Skills and Abilities** | • Technical skills and understanding in developing systems with ARM, FPGA or DSP hardware.  
• Ability to interpret and clearly articulate technical and complex information.  
• Ability to develop long term relationships with stakeholders.  
• Ability to communicate effectively with people from a range of backgrounds.  
• Ability to work well in a small team as well as independently with minimum supervision while meeting deadlines.  
• Proficiency in English language | • Ability in preparing and delivering technical presentations and willingness to train others.  
• Ability in technical report writing. | 1, 2, 3 |
**Behaviours and Attributes**

| • Good verbal and written communication skills. | • Keen to learn developing embedded image processing systems with FPGA or DSP hardware. |
| • Willing to learn quickly and take on responsibilities and resolve unexpected, challenging problems. | • Keen to learn image processing with machine learning algorithms. |
| • Enthusiastic about personal development. | • Reliable |
| • Reliable | • Able to prioritise work, especially with conflicting deadlines |
| • Excellent interpersonal skills | • Knowing how to learn developing embedded image processing systems with FPGA or DSP hardware. |
| | • Keen to learn image processing with machine learning algorithms. |

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* 1 = Application Form; 2 = Interview; 3 = Test/Presentation; 4 = Documentary Evidence; 5 = Other (Please Specify)

**FACES**, our core values, inform and sustain all of our activities. On an individual basis we are:

- Friendly
- Ambitious
- Collegiate
- Enterprising
- Student-focused