JOB DESCRIPTION

Vacancy Ref: A3385

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Senior Research Associate (TAILOR)</th>
<th>Present Grade:</th>
<th>7</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>School of Computing and Communications</td>
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<td>Directly responsible to:</td>
<td>Dr. Hossein Rahmani</td>
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<td>Supervisory responsibility for:</td>
<td>None</td>
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Other contacts

**Internal:**
Other team members (Prof. Plamen Angelov and Dr Bryan Williams); Staff and Students at the University

**External:**
Collaborators/partners working on the TAILOR project

**Major Duties:**

1. Undertaking research necessary to achieve Lancaster University’s aims within the EU-funded H2020 project “Foundations of Trustworthy AI - Integrating Reasoning, Learning and Optimization (TAILOR)”. More specifically, leading research that aims to advance our ability to make AI systems explainable by developing methods and guidelines to novel AI systems capable of interacting with users with different backgrounds and needs, revealing the “Why?”, “Why not?”, “What if?” and capable to generate multimodal explanations and quantifying the degree of interpretability.

2. Leading the collaboration, planning, development, and publication of the TAILOR results.

3. Participating in project meetings; preparing and presenting talks, posters and reports to disseminate the results of the research.

4. Preparing progress reports for project meetings describing the results of the project.

5. Participating in national and international conferences and workshops to present the results of the TAILOR project to a wider audience and to learn about current advances in the field.

6. Preparing conference and journal papers for publication of the TAILOR project findings.

7. Participating in writing new research proposals that build on the expertise developed in these projects.

8. Any other duties appropriate to the grade, as directed by the Principal Investigator or his representative.