Max-Planck-Institut für Intelligente Systeme

Job-Titel:
Student Assistant (m/f/d) in Software Development for Robotics

Job-Beschreibung
Student Assistant (m/f/d)
in Software Development for Robotics

As part of the collaboration between the Software Workshop and the Movement Generation and Control Group at the Max Planck Institute for Intelligent Systems in Tübingen, we are looking for a motivated

Student Assistant in Software Development for Robotics
to improve and develop the RAI, an application allowing the simultaneous visualisation of videos and sensor data from robotic experiments.

Your Role
You will work with the members of the Software Workshop and the Movement Generation and Control Group to develop new features for the RAI. You will have the chance to learn professional software development practices and state-of-the-art techniques in robotics.

Your responsibilities will include:
• Migration of the code base to Python3 and PyQt5;
• Implementation of several new features requested by researchers;
• Exploratory tasks in order to select technologies to stream synthetic data live;
• Design, implementation, testing, and documentation of the latter feature;

Your profile
• Programming experience in Python. Please send links to public repositories (GitHub, Bitbucket, ...) or snippets of codes that you have written;
• Experience with scientific libraries used in robotics will be appreciated;
• Excellent team playing skills, written/spoken English, and communication skills.

Our Offer
You will be mentored by the members of the Software Workshop and the Movement Generation and Control Group. You will also be in contact with scientists actively using RAI.

Enrollment at a German university is mandatory for a student research assistant contract with the Max Planck Society. Students without a Bachelor’s degree will earn €10.44 per hour. Students holding a Bachelor’s degree will be paid €12.14 per hour. An initial contract will be offered for maximum 83 hours per month, and a duration up to six months.

Your application
To apply, please send your complete application in English (cover letter, curriculum vitae, list of references) to Jean-Claude Passy at jean-claude.passy@tuebingen.mpg.de.

If you prefer to send a hardcopy application, you may do so. Please address it to:
Max-Planck-Institute for Intelligent Systems
Gemeinsame Verwaltung
Heisenbergstr. 1
For more information or questions about scientific and technical aspects of the position please contact Jean-Claude Passy at jean-claude.passy@tuebingen.mpg.de and Maximilien Naveau at maximilien.naveau@tuebingen.mpg.de. For other questions, please contact Mara Cascianelli at mara.cascianelli@tuebingen.mpg.de.

More information about the Max Planck Institute for Intelligent Systems can be found on www.is.mpg.de.

Multiple positions are available and will be open until filled or no longer needed. Preference will be given to applications received by April 15, 2020.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. Furthermore, the Max Planck Society seeks to increase the number of women in areas where they are underrepresented and therefore explicitly encourages women to apply.

**Kontakt**

<table>
<thead>
<tr>
<th>E-Mail:</th>
<th><a href="mailto:mara.cascianelli@tuebingen.mpg.de">mara.cascianelli@tuebingen.mpg.de</a></th>
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</thead>
<tbody>
<tr>
<td>Telefon:</td>
<td>+49 7071 6011904</td>
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<td>Webseite:</td>
<td><a href="http://www.is.mpg.de">http://www.is.mpg.de</a></td>
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<tr>
<td>Einsatzort:</td>
<td>Max-Planck-Ring 4, 72076 Tübingen, Deutschland</td>
</tr>
<tr>
<td>Art der Beschäftigung</td>
<td>nach Vereinbarung</td>
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<tr>
<td>Vergütung:</td>
<td>10,44€/12,14€/hour</td>
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<tr>
<td>Zeitraum der Beschäftigung:</td>
<td>nach Vereinbarung</td>
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</tbody>
</table>

| Firmenname:          | Max-Planck-Institut für Intelligente Systeme |
| Ansprechpartner:     | Frau Mara Cascianelli              |
| Jetzt bewerben:      | jean-claude.passy@tuebingen.mpg.de  |

**Link zu dieser Stellenanzeige:** https://www.stellenwerk-stuttgart.de/jobboerse/studentenjobs-student-assistant-mfd-software-development-robotics-tuebingen-s-2020-03-02-304348

Bitte beziehen Sie sich in Ihrer Bewerbung auf https://www.stellenwerk-stuttgart.de/