Research Assistant / HiWi
Optics and Sensing Laboratory

The Max-Planck-Institute for Intelligent Systems in Tübingen is looking for a student research assistant/HiWi (studentische/wissenschaftliche Hilfskraft) to assist with diverse tasks required in the administration of the new Optics and Sensing Laboratory and the design of new multi-sensor systems. Your tasks will range from updating Wiki-pages and editing documentation to testing the latest equipment and developing software for it. The candidate will work in both the office and the lab, and will be responsible for frequent correspondence (phone calls, emails, meetings, mail) with individuals from the Tübingen and Stuttgart MPI campuses.

The Optics and Sensing Laboratory supports research and development of new algorithms for image processing, enhancement and denoising, the integration of sensing systems of different types (stereo, video, range, etc.), new sensors and algorithms for computational photography and astronomy, and the development of real-time sensing systems for robotic platforms.

What we are looking for

- Applicants must be matriculated students with excellent conversational and writing skills in English. German proficiency is a plus.
- Applicant must be able to maintain an organized research lab environment.
- Hands-on experience with electronics and a background in computer vision or computer graphics are a plus. Knowledge in programming and video-editing software is preferred.
- The ideal candidate has a strong passion for new technology, is a natural team player, is highly organized, and has 40 hours of extra time per month.

What we offer

In this position, you will be exposed to cutting-edge technologies related to computer vision and multi-sensor systems. The position comprises 40 hours per month, with a flexible schedule. The payment is based on Max-Planck Society guidelines. Students holding a Bachelor's degree will be paid at 10.81 Euro per hour; students without a completed Bachelor's degree at 9.29 Euro per hour; plus a holiday dispensation at the end of the year. Appointments will initially be for one year (probation period of 3 months) with possibilities of extension.

The MPI for Intelligent Systems is one of the world’s leading research institutions for machine learning, computer vision and robotics, studying the concepts of intelligence and autonomy on every conceptual scale. We offer an interdisciplinary, open research environment among international staff, with connections to institutions within and outside of Germany. The post is ideally suited for students looking to extend their scientific and cultural horizons.

The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

Contact

Applications and inquiries should be sent quoting reference number 29.15, accompanied by a one-page CV to Lauren Davidson at lauren.davidson@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
Dr. Senya Polikovsky
Paul-Ehrlich-Straße 5
72076 Tübingen

Aushang: 20.05.2015 Abhang: 26.06.2015

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