

Advanced Robotics Intern

The Research and Advanced Development team at the faculty of Industrial Engineering at the University of Applied Science Technikum Wien is seeking interns with a passion for robotic research to work on cutting edge algorithms for robotics. Our team works on challenging and high-impact projects, including collaborative robots to safely work hand in hand with humans, mobile robots and coordinating their motion in order to obtain safe autonomous navigation in factories. We are seeking internship candidates with backgrounds in computer vision, machine learning, resource allocation, discrete optimization, search and planning/scheduling. You will be challenged intellectually and have a good time while you are at it! We offer internships to bright students with ambitions to be part of this research project. As intern, you will get responsibility, developing tasks and the freedom to act.

Internship period:

- Beginning: any time
- Duration: > 5 months

Content/tasks:

- Working in research team and supporting existing and future projects

Requirements:

- Bachelor's degree
- Interest in scientific work
- Basic knowledge in programming
- Basic knowledge in 3d modelling
- Basic knowledge in network technology
- Nice to have: interest in publishing scientific papers

The UAS Technikum Wien does not offer student accommodation; the incomings have to take care of accommodation in advance. Our Center for International Relations would be happy to provide you with references. The internship is not paid but there is a possibility to get Erasmus funding. The Erasmus+ funding varies, depending on the country of origin. The information about the funding support will be given to you from the International Office of your home university.

If the internship is part of the curriculum, the home university must decide whether it will be fully credited. The workload should therefore correspond to what is required by the home university. If it is not a mandatory internship, a transcript of records will be issued about the actual workload. The minimum duration for this internship is 5 months.

Writing scientific papers, conducting literature reviews, collecting and analyzing data, preparing findings for publication and assisting in laboratory analysis, quality control, data management, writing and contributing to publications, developing research protocols are the intern's responsibilities during the introduction phase.

Research Assistant top skills & proficiencies: Communication, attention to detail, technical skills, statistical and graphical analysis of data, ability to maintain quality and data collection.

Contact:

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