Master's Thesis: Development of a Robotic Control Logic for Automated EV Charging

Are you passionate about robotics and electromobility? Join our exciting project and contribute to the development of a control system for a **KUKA iiwa robot** mounted on a **mobile platform**. The goal is to create a system capable of **automated electric vehicle (EV) charging**, addressing one of the most critical challenges in the future of mobility.

Your Tasks:
- Develop and program the control system for the KUKA iiwa robot.
- Integrate the robot with a mobile platform.
- Contribute to the design and implementation of autonomous charging processes.
- Collaborate with an interdisciplinary team to create innovative solutions.

Your Profile:
- **Motivation** and enthusiasm for robotics and EV technology.
- Interest in cutting-edge technologies and teamwork.
- Basic programming skills (e.g., Python, Java, or C++).

What We Offer:
- Access to state-of-the-art robotic technology and infrastructure.
- Support from an experienced team in a dynamic research environment.
- The chance to work on a forward-looking topic with real-world impact.

Start Date: Immediately or as agreed.

Interested? Get in touch with us – we're looking forward to your application!

http://ftg.tugraz.at

Duration:	6 month
Start:	As from now
Workplace:	Institute of Automotive Engineering

An expense allowance is offered for the Master's thesis.

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