Student Assistants (Hiwis) for autonomous E-Scooters

**Background:**
E-Scooter sharing systems are widely used for convenient short distance travels. These sharing systems however face several problems, like bad spatial coverage, need for juicers (people charging the scooters) and high maintenance costs. By developing scooters with autonomous driving and navigational capabilities we aim to overcome these challenges.

**Possible Tasks:**
Implement algorithms enabling autonomous scooter navigation, in particular related to
- motor control
- computer vision
- path planning
- SLAM

**Your Profile:**
You should have experience in at least one of the mentioned tasks. Preferentially you
- have good knowledge of C++ or Python,
- are familiar with Linux and ROS

**Start:** Now

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