HIWI: Robot Software Admin

ArmarX is the robot software development framework, developed and used for our robots at H²T. (see [https://armarx.humanoids.kit.edu](https://armarx.humanoids.kit.edu))

You will be part of the ArmarX team and support developers by taking care of administrative tasks. This includes setting up a continuous integration system to ensure our main development branch always works on the robot, setting up distributed compiling and compiler caching and integrating new hardware drivers and software into ArmarX and our robot demos. Depending on your interests, this list of tasks can be extended (e.g. to include refactoring and optimizing existing code, writing unit tests or integration tests).

In this job, you will be able to collect experience in working with and managing large existing code bases.

We are looking for students interested in robotics and proficient in software development.

Prerequisites are solid programming skills in C++ and knowledge about standard development tools (cmake, git), software engineering, the ability to quickly understand and work with large software frameworks and interest in robotics. Knowledge about continuous integration are advantageous but not required.

**Target Group:** Students with C++, Linux and administration experience

**Begin:** immediately

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