

NEOBOTIX



Neobotix develops and produces autonomous mobile robots. Our portfolio contains generic robot vehicles as well as mobile manipulators and customised robots for very complex and demanding applications in research and production.

Customers all over the world and in a wide range of businesses are working with our mobile robots.

We periodically offer an

Internship for software developers - Development of our ROS packages -

Your tasks

- Our robots can also be run by the Robot Operating System. We want to keep up to date by maintaining our ROS packages and integrating new features.
- Your internship starts with getting to know our robots and current ROS packages in detail.
- You will then evaluate new packages (localisation, navigation, simulation, ...) through practical tests on our demo units and help us decide which modules to replace or update.
- Developing and testing all new packages with new features and functions is also part of your work.
- All updates need to be made available and tested in the Gazebo simulation packages which we provide for our robots.
- The internship at our site in Heilbronn should take at least three months, preferably six.

Your profile

- You are studying computer science, mechatronics, robotics or a similar course. Previous experience with ROS is obviously a huge plus.
- You have programming knowledge in C++ and Python.
- You want to actively engage in the ROS community and in taking ROS forward.
- You have sufficient English language skills to document and discuss your work results.

What we offer

- A chance to get your hands on real autonomous mobile robots.
- A multitude of interesting tasks.
- A comfortable working-climate and a flexible work schedule.
- The chance to develop innovative robot systems and see them come to live.

We are looking forward to your application (reference ID **ROS**) via e-mail to

jobs@neobotix.de

If you have any questions please contact Mr Nieland under 07131 / 76 69-304.