

Internship in AI & Computer Vision at F&P Robotics AG

Are you interested to work in an innovative and dynamic robotics start-up? Do you want to work with a team of international young talents as well as professionals with entrepreneurial experience? Then this might be your perfect opportunity.

F&P Robotics AG is a pioneer in the field of human-robot interaction. We develop and build smart and safe collaborative robots mainly for food and personal service applications. F&P Robotics AG offers complete robotic solutions, having established expertise in both robot arm and effector technologies, as well as in software development.

As working environments are more and more dynamic, robots have to be mobile and equipped with Artificial Intelligence algorithms. They have to be able to generate alternative solutions when the context changes or exceptions occur. To strengthen our team, we are looking for an **intern in the field of Artificial Intelligence and Computer Vision**.

Tasks

Individual tasks and goals will be defined to work on, some of them could be:

- Evaluating, implementation, integration and testing of state-of-the-art Computer Vision algorithms for face recognition, object detection, visual grasping with both 2D and 3D cameras.
- Improving the robot's dialogue system, its probabilistic and logical decision taking or the SLAM-based navigation.
- Implementing robot skills such as opening a door or cleaning a table. Help to increase the functionality of our robots!
- Possibility to go to exhibitions, support our robots at customers site and represent the company at different events

Required Knowledge, Skills, and Abilities

- At least BSc, preferred MSc in computer science, robotics, mechanical/electrical engineering, natural sciences or similar. Proven affinity to software development is necessary
- Highly motivated, hands-on mentality
- Structured and detail-oriented approach of solving complex tasks - fast and curious learner
- Previous programming experience (Python, C++) preferred, additional experience in using ROS, OpenCV, PCL, git is a plus

Duration of the Internship

- 6 months or according to agreement

Start

- Immediately or according to agreement

We are looking forward to receiving your application (in English or in German) per email.

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