

# Internship in Hardware Development for Intelligent Robots (m/w/d)

Are you interested in working in a young, innovative, and dynamic robotics company? Do you want to work with a team of international talents as well as professionals with entrepreneurial experience? Then this might be a perfect opportunity for you.

## ABOUT F&P ROBOTICS

F&P Robotics AG is a pioneer in the field of human-robot interaction. We develop and build interactive, collaborative robots for hospitality and care applications. We offer complete robotic solutions, for which we develop both hardware and software.

With the elderly-care assistance robot Lio, we are pushing the boundaries of human-robot interaction and mobile manipulation. Our mission is to assist nurses in care facilities and to improve the residents' quality of life.

Barney is a fully autonomous robotic bar that serves cocktails, soft drinks and coffee in a very efficient and entertaining way. Barney can run a bar by itself or work together with a human Barkeeper.

To accomplish this, we utilize modern approaches from the fields of robotics, artificial intelligence, software development and machine learning.

Our team is always ready to welcome motivated and enthusiastic students looking to sharpen their skills by working in one or more of the following areas.



## YOUR TASKS

Individual tasks and goals will be defined for your internship. Some of them could be:

- Designing mechanical components using CAD and electronic system
- Improving the current mechanical and electronic components and systems
- Prototyping, assembling and testing components and systems
- Documenting information in reports, instructions and BOM
- Supporting the installation of systems online or at a customer site

## REQUIREMENTS

- Student at a university or university of applied sciences in robotics, mechanical/electrical engineering (Bachelor, Master)
- Good CAD skills, preferably in Solidworks
- Experience developing Hardware in a team
- Additional experience in programming is a plus
- Highly motivated, hands-on mentality to get things done from prototype to product
- Empathy and interest for customers' needs
- Structured and detail-oriented approach of solving complex tasks
- Swiss or EU citizenship. For other candidates, the internship has to fulfill an obligatory requirement of your university degree.
- Internship duration about 6 months

We are looking forward to receiving your application (in English) by email:

### **Sanja Dimitrova, HR**

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Applications through recruitment agencies are not considered.