

Internship in Mechatronics for intelligent Robots

Are you enthusiastic about the possibilities of robotics and want to help shape the world of tomorrow? Do you want to learn from our highly qualified experts and further develop your know-how in a fast-growing international organization? This could be your perfect opportunity. We offer the opportunity for a six-month internship in **Mechatronics for Lio and our new P-Rob Eco**.

ABOUT F&P ROBOTICS

F&P Robotics AG is a pioneer in the field of human-robot interaction. We develop and produce interactive, collaborative robots for industry and care applications. We offer assistance robots and technologies that support and facilitate activities in people's daily lives. We develop the hardware and software for this. Our aim is to create new opportunities in the form of assistive robots for humans.

YOUR TASKS

Our interns are closely integrated in our team and work on meaningful tasks in the most important projects. For the upcoming months, development will focus on the next generation of P-Rob and Lio. Individual tasks and goals will be defined from the following areas:

- Development and setup of new functionalities and test-equipment with mechanical and electrical components
- Prototyping, assembling and testing components and systems
- Execute tests on robots, gather measurement data and analyze this data including failure analysis
- Realize demonstrations and proof-of-concepts with our robots and potential applications
- Technical support online, at customers, exhibitions and events
- Documenting information in reports, instructions and drawings

REQUIREMENTS

- At least 2 years of study at university in robotics, mechanical/electrical engineering or similar
- Highly motivated, hands-on mentality to get things done from prototype to product
- Structured and detail-oriented approach of solving complex tasks
- Previous experience with embedded systems and programming (C++, Python, Arduino, Matlab)
- Skills in CAD (Solidworks) and Electronics preferred
- Swiss or EU citizenship. For other candidates, the internship has to fulfill an obligatory requirement of your university degree.

We are looking forward to receiving your application by email: jobs@fp-robotics.com