

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 organisation? This could be your perfect opportunity. We offer the opportunity for a six-month internship in **Mechatronics**.

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 of components and systems
- Execute tests on robots, gather and evaluate measurement data including failure analysis
- Realise 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

OUR REQUIREMENTS

- At least 2 years of study at university in robotics, mechanical/electrical engineering or similar
- Previous experience with embedded systems and programming (Python, Arduino, C++, Matlab)
- Skills in CAD (Solidworks), 3D Printing and Electronics preferred
- Highly motivated, hands-on mentality to get things done from prototype to product
- 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.

OUR OFFER

- We offer you a challenging task with a high degree of independence and personal responsibility
- Become part of a Swiss high-tech company with globally unique products and a young team with flat hierarchies
- Flexible working hours and up to 40% home office option
- Convenient work location in Glattbrugg, close to the Zurich airport and with good connection to public transport

If you enjoy teamwork more than the role of the individual superhero, if you feel comfortable in a feedback-oriented culture and a progressive environment, then we would be happy to hear from you. Email application to: jobs@fp-robotics.com