



At Myoswiss we strive to build the best wearable technologies that provide safety and confidence to our users when navigating their daily lives. Our first product, the Myosuit, has already provided support and assistance to hundreds of users both at home and in clinical environments. This is just the beginning and we are thrilled to expand our team with a software engineer that helps us tackle our next developments. We hope you are as motivated as we are and look forward to meeting you!

## **Junior Embedded Software engineer (M/W) – 100%**

### **We are looking for**

A junior software engineer that has extensive hands-on experience developing software for embedded applications in robotics as well as strong analytical thinking and good communication skills. We value the combination of good theoretical understanding with thorough practical experience.

### **Your Tasks**

- Develop software for our current and future products.
- Develop data processing scripts that support the analysis of data provided by our systems.
- Prototype and develop test rigs and test protocols to test our products and prototypes.
- Perform usability tests with our customers to evaluate your solutions.
- Develop internal tools that automate the team's tasks.

### **Requirements**

- Bachelor's degree in Computer Science or related field, or equivalent practical experience.
- 1-2 years of experience in embedded software development.
- Excellent knowledge in C-programming for real time embedded applications (RTOS).

- Excellent knowledge in communication protocols: SPI, i2C, CAN, RS232...
- Excellent knowledge in Python programming.
- Proficient with standard electrical equipment including oscilloscopes, soldering irons, multimeters...
- Experience with motor controllers.
- Experience in open ended projects that require independence and autonomy while navigating uncertainty.
- Experience in projects that require hands-on experience. A successful applicant should feel comfortable building prototypes and debugging.
- Experience with mechatronic systems. The candidate must feel comfortable working at the intersection of software, mechanics and electronics.
- Fluent (written/spoken) English, German is a plus.

**Would be nice if:**

- Has previous experience building other wearable robots or has been involved in projects in the field of biomechanics or rehabilitation robotics.
- Has previous experience developing products that are already in the market.
- Understands the software development life cycle (ideally within regulated industries such as the medical device industry).
- Has experience managing code repositories (git).

**What we can offer you**

- A challenging position in an open and dynamic company within an international environment.
- A long-term commitment and the opportunity to develop a rewarding career.
- Work with a world-class team of engineers in the field of wearable robotics.

Have we sparked your interest? Then we look forward to receiving your full application (cover letter, curriculum vitae, certificates) by email to [careers@myoswiss.com](mailto:careers@myoswiss.com). Applications from employment agencies will not be considered.

Hint: We are very interested in the projects you've been involved with, please explain the role and tasks you had in them thoroughly in your application.