



The Media Interaction Lab (MIL) is a research lab hosted at the department of Interactive Media at the University of Applied Sciences Upper Austria, Campus Hagenberg. With amazing partners like BMW, Google, KTM, Microsoft Research, or Volkswagen, the lab is already internationally recognized as disruptive player in the area of human computer interfaces. We offer you an exciting job and continuous innovation. Be part of a highly innovative and creative group, and inspire the world with us!

## Internship Embedded Software Developer [f/m]

Currently, the lab is working on the development of **Smart Textile Interfaces**. As an embedded software developer, your job is to work very closely with a team of hardware/software engineers, researchers and UI/UX designers. Bring passion and dedication to your job and make sure that our international customers get the high quality solutions that they have come to expect from MIL.

### Responsibilities

- Design and implement electronic circuits for smart textile projects
- Identify, validate, and integrate capacitive sensing principles into smart textiles
- Evaluate different IoT development platforms
- Contribute to research, develop exciting projects and collaborate with our software engineers, researchers, and UX designers

### Key Qualifications

- Experience in developing software on embedded devices (e.g. Beaglebone, Raspberry, ...)
- Experience with Embedded Linux and/or Embedded Windows
- Knowledge in electronic/circuit design and experience with design tools like Altium and/or Eagle
- Good programming skills and strong focus on code quality
- Hands-on experience in firmware development and verification, system failure analysis, and problem solving
- Excellent communication (German/English) and presentation skills as well as self-confidence

### We offer you

- The opportunity to join our highly innovative research lab in the development of cutting-edge technologies & interfaces
- The opportunity to become part of our core team of dedicated researchers & engineers
- An inspiring work environment and flexible working hours
- Collaboration with international customers and travel opportunities
- The possibility to shape the job according to your skills & talents

The Austrian law stipulates that the minimum wage must be specified at job postings. The minimum gross salary is 1.211,75 EUR (full-time) in the collective agreement. Imagine what you could do and apply today!



Send your application to:  
haller@fh-hagenberg.at