Responsibilities

• Perform schematic design, manage board layout, validation, and support manufacturing test for smart textile projects.
• Identify, validate, and integrate sensing principles into smart textiles.
• Write software and firmware to characterize and test hardware.
• Contribute to research, develop exciting projects and collaborate with our software engineers, researchers, and UX designers.

Key Qualifications

• Experience in data acquisition systems.
• Knowledge in microelectronic circuits and experience with design tools (e.g., Altium, Eagle).
• Deep understanding of sensors and actuators.
• Hands-on experience in firmware development and verification, system failure analysis, and problem-solving.
• Excellent communication and presentation skills (good command of English required) as well as self-confidence.

We offer you

• The opportunity to become part of our core team of dedicated researchers & engineers.
• An inspiring work environment and flexible working hours.
• Collaboration with high profile partners and travel opportunities.
• The possibility to shape the job according to your skills & talents.

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. We develop next-generation technologies that change how users connect, explore, and interact with information and one another. In collaboration with outstanding partners like BMW, Google, KTM, Microsoft Research, or Volkswagen, we achieved an international reputation as a disruptive player in the area of human-computer interfaces. If you get excited about building new things and working across discipline lines then join our team and be part of a highly innovative and creative group, and inspire the world with us!

PhD Position
Embedded Systems Engineer [f/m]

As an Embedded Systems Engineer, you will be joining a small, fast-paced team consisting of hardware/software developers, researchers, and UI/UX designers, working on Smart Textile Interfaces. Our team focuses deeply on novel technologies, bringing together a variety of disciplines and viewpoints, to make the user’s interaction with computing faster, more seamless, and powerful. Together we will find new ways to capture and sense the world around us.

The Austrian law stipulates that the minimum wage must be specified at job postings. The minimum gross salary is 2.743 EUR per month (full-time), 14 times per year, in the collective agreement. Imagine what you could do and apply today!