## The Company

We believe new digital technologies have the potential to enable us to do what we do today in even better ways tomorrow. How can we unlock the potential of such technologies to benefit society and create sustainable value?

Leitwert is streamlined on market pull: when solving real problems with and for our clients we create simple and modular solutions. By doing so we are bootstrapping a digital technology company for the 21$^{st}$ century, always keeping in mind that every development and every innovation must ultimately create value by reducing cost or increasing efficiency.

In a stimulating environment, we realize technologically sophisticated projects. Leitwert originates from a robotics project at the ASL (Autonomous Systems Lab www.asl.ethz.ch). We constantly explore new technologies to increase our know-how, widen our horizons and expand our expertise in electronics, asynchronous programming and product development into new fields such as augmented reality or computer vision.

Our projects range from wearable devices for vital sign monitoring (consumer, professional sports, medical research) to sensing systems (remote monitoring of pharma production processes, smart metering, flight controllers), algorithm development (machine learning, image processing, 3D image mapping, pattern detection), firmware (from consumer products to safety critical applications (medical) - see also www.ConcRTOS.io) secure and encrypted firmware delivery and device management (https://dms.leitwert.ch) to web apps (e.g. for energy data management in retail or data collection in agriculture). We are also active in emerging fields like augmented reality applications.

With our solutions for connected products we master the key competencies to collect, store and analyze large amounts of data.

To strengthen our team, we are looking for an **experienced Electronics Hardware Engineer (f/m)** who will join us in exiting customer projects and for the advancement of our in-house electronics hardware development.

Design sophisticated electronic circuits for demanding design challenges and convince us with elegant solutions as

# Electronic Hardware Engineer (f/m)

## Objective

Develop electronics hardware from requirements engineering over circuit and PCB design to technical.

## Main responsibilities

Hardware development projects.

- Plan, execute (design circuits, draw schematics, route PCBs) and deliver projects
- Evaluation, selection, sourcing of components
- Coordination of manufacturers and supply chain
- Testing, Reworking, Documentation
- Design reviews
- Support embedded software team
- Maintenance of component libraries

## Your profile

- Positive and open personality, independent, adaptive and proactive
- >5 years of hands on experience in electronics circuit design and testing
- University of applied sciences degree (FH/UNI/ETH in Electrical Engineering, or equivalent)
- Outstanding design skills and in-depth knowledge of Altium Designer
- In depth understanding of PCB technologies, manufacturing technologies etc.
- Thorough know how in the field of analog circuits, low power devices and signal processing
- Experience with signal integrity
- Experience with low-power and battery powered sensing systems
- Experience with wireless communication and antenna design advantageous
- Experience with certifications (CE, FCC, ...) and safety critical hardware standards is advantageous (e.g. IEC 60601)
- Experience with embedded firmware development (C/C++) desirable
- Hands-On working attitude
- Fluent in English (German is advantageous)
- You love challenges and want to engage in a start-up

## What we offer

- Diverse project-based work with direct client exposure (high-tech companies from CH, EU and the Silicon Valley)
- Collaboration with experienced developers
- Start-up spirit: Highly motivated, dynamic team and the opportunity to build up our team with us, to actively shape our corporate culture, and to invent the world of tomorrow with us.
- Working Location: Zürich
- Flexible working hours

**Are you a Team player with the ambition to deliver top results?** In that case, we would be delighted to have you on board.

Miro Käch is looking forward to your complete application: jobs@leitwert.ch (Motivation letter, CV, job references, Diplomas including grading information).