

We are looking for an

Electronic Engineer - Intern [40-80%, 3-6 months]

with experience in hardware development.

Our story

At Irmos Technologies we are on a mission to maximize the safe operational life of existing buildings and bridges. We fundamentally improve the status quo in structural analysis and maintenance planning, by combining sensor data with intelligent algorithms. We are a dynamic team of innovative engineers, with extensive expertise in structural assessment, structural health monitoring, data science, and software development. We envision safer and more sustainable infrastructure for everybody and for this we need to clearly communicate infrastructure health metrics to various stakeholders.

Join us as an Electronic Engineer Intern and be a part of reshaping structural maintenance through innovative data-driven solutions.

What you will do:

- Support the design and benchmarking of high precision sensors and acquisition systems
- Assemble and integrate hardware to be installed in real buildings and bridges.
- Perform hardware/software tests in the lab (pre on-site deployment).

What you will bring:

- Enrolled in or completed Bachelor in electrical engineering or relevant field
- Experience in measurement technologies and hardware assembly/integration.
- Interest in assembling hardware (assembling circuit boards, soldering).
- Programming skills (C / C++ / Python) are a plus.

You are:

- Motivated to integrate a dynamic, high-performance, and exciting start-up environment.
- Passionate about leveraging data insights to optimize the performance of our buildings and bridges, driving efficiency and innovation.
- Demonstrate independence, meticulous attention to detail, and strong organizational skills.
- You are a collaborative team player who thrives in a dynamic and inclusive work environment.
- Proficiency in English, both written and verbal. Other languages are a plus.

What we offer:

- Experience the thrill of delivering pioneering technology that changes lives and builds a safer, more sustainable future.
- Immerse yourself in an inspiring workspace at Zurich Technopark.
- Take advantage of unique opportunities for professional development by participating in professional workshops, seminars, and networking events.
- Manage your own time and maximize your day by taking advantage of our flexible working environment.
- Enjoy the benefits of being part of an ETH Spin-off, including reduced membership for the Academic Sport Club of ETH (ASVZ).

Your role in the early stages of our startup journey will have a significant impact in the evolution of irmos technologies!

Take the next step in your career by joining our dynamic company:

Apply now with your **CV** and a **short motivation letter** at hoelzl@irmos-tech.com

