

We are looking for a

Civil engineer – Project manager (80-100%)

with track record in structural assessment of buildings and bridges.

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 a Structural Engineer and be a part of reshaping structural maintenance through innovative data-driven solutions. Your expertise will drive data-based structural assessment and contribute to the evolution of irmos technologies in our dynamic startup environment.

What you will do:

- Lead large-scale structural health monitoring projects within and beyond the Swiss borders.
- Coordinate and manage engineers in optimizing maintenance planning based on monitoring data and intelligent analysis.
- Actively engage in cutting-edge research combining structural analysis, infrastructure monitoring and artificial intelligence.
- Play a crucial role in developing best-practice and guidelines for integrating monitoring data in structural evaluation of existing infrastructure and buildings.

What you will bring:

- MSc in structural engineering.
- Professional experience in structural assessment of existing buildings and bridges.
- Proficiency with guidelines and norms relating to structural evaluation of existing structures.
- Good knowledge of structural dynamics and earthquake engineering.
- Experience with dynamic monitoring data and/or programming skills 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 collaborative team player who thrives in a dynamic and inclusive work environment.
- Proficiency in English and German, 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 reuland@irmos-tech.com !

