



Internship / Full time position

Material and Process Development

IDUN is a swiss based ETH-Spinoff founded in November 2017. Our vision is to usher in the next evolution in IoT, by evolving it into the Internet of Humans. In the IoH, empathic technology and wearables react to our personal needs in a seamless and intuitive way. We have a holistic understanding of all aspects in the pipeline between the body and IoT experience. This pipeline can be broken down into three primary aspects: (1) **understanding the body for actionable insights**, (2) **innovative biosensor development**; and (3) **integration, data collection and analysis**. For more details please visit www.iduntechnologies.ch

The Opportunity

IDUN Technologies is seeking a dynamic, passionate, and creative Materials Scientist with a wide skill set to accelerate the development of our innovative biosensors. We offer a 6-12 month Internship with the possibility for a conversion to a full-time position from early 2022.

Do you want to build the world you want for yourself and society instead of trying to fit into the one that has been already created? Take this opportunity at the intersection between humanity and connected device evolution.

Your background

- A Bachelor's or ideally Master's degree in Material Science
- Ideally, first experiences in industrial environments
- Experience with different types of polymers/polymeric composites
- Experience with state-of-the-art industrial processing of polymers
- Material characterization (mechanical, optical, ...)
- Knowledge of manufacturing and processing of composites
- MATLAB, CAD

Key Responsibilities (include but are not limited to)

- Unsupervised planning and conducting of experiments
- Support our Materials Team when needed
- Conduct Material tests, collect data
- Analyse data and report meticulously
- Present results internally
- Support our in-house production
- Process- & Material optimization for an in-house setup, transfer to industrial partners
- Maintenance of Lab and ensure supplies do not run out
- Self-motivated, critical literature research and implementation of findings
- Production of prototypes and conducting all relevant tests

Professional Competencies

You can structure yourself and get the inputs and competencies needed to thrive in your activity.

You are able to explore experimental data and generate meaningful results in a systematic way in order to push the product development and support the sales team.

Mindset

You will be the expert in your field with the freedom and responsibility to make your own decisions aligned with the company's vision. We work very well with people embracing opportunities and building their own team and structure to drive the company's success. We will care for you and your happiness at IDUN and we will listen to your inputs. Please read our company values on [our homepage](#).

The above job description is a guide to the work you may be required to undertake but does not form part of your contract of employment and may change from time to time to reflect changing circumstances.