

Imina Technologies SA

Route de Montheron 8B

1053 Cugy

Switzerland

www.imina.ch

Intern in Mechatronics / Microengineering

3 months minimum duration

Do you want to help shape the future of micro-robotics? Then join our R&D team as an intern!

Imina Technologies SA is a high-tech company which develops, manufactures and distributes Swiss made high precision instruments based on our pioneering technology that combines mobile robotics and piezo actuation. Our growing global customers base includes scientists, lab managers and skilled professionals from the semiconductor test industry. Our products enable semiconductor industry leaders to perform testing and failure analysis of microelectronic devices with very flexible and efficient workflows.

Based on your background and preferences, you will work on projects like:

- Research and innovation projects aiming at combining different technologies such as piezoelectric actuation, flexure mechanism, and position sensing to redesign and enhance parts of our micro-robotic solutions or create new ones.
- Design of test and characterization benches to assess and optimize current products for future application requirements.
- Development and implementation of control algorithms as well as simulations to increase the level of automation of our systems.

Your tasks will typically include :

- Defining the requirements and setting up technical specifications.
- Proposing a catalog of solutions, including mechanical/electrical design (CAD), simulation, search for components, and cost considerations.
- Preparing the manufacturing files.
- Assembling and testing prototypes.
- Project documentation.

We have a very positive track record from interns who all greatly appreciated our young and dynamic team. By working closely with our engineers, your internship with us will give you the opportunity to gather hands-on experience and you will quickly realize the significant impact it has on our company and its future developments.

Want to give it a try? Apply now by sending us a CV and a motivation letter to internships@imina.ch