

Mechanical Engineer Intern

MPS ships billions of products a year that are used in everything from consumer electronics and IoT (Internet of Things) to laptops and cars. We are transforming power electronics design for electrical vehicles, robots, large battery packs, data centers, automotive and industrial applications with memory-based programmable plug-and-play products. We are looking for an intern for our sensor division who will work on the latest generations of our angular position and 3D magnetic sensors. The person will work in MPS Switzerland offices in Tolochenaz.

Responsibilities

- Work with our engineering team to design and build mechanical setup used by MPS sensor products (angle, 3D and current sensors). The candidate will be involved in some of the projects listed below.
- Design and manufacture demo for 3D magnetic sensor application (joystick, rotation, linear, trigger)
- Develop test setup for high-speed angle measurement.
- Develop measurement setup for magnetic sensors.

Requirements

- Familiar with 3D Printing
- Familiar with CNC Machining
- Familiar with Solidworks
- Good communication skills. French or English speaker and able to write in English.
- Good team player.

Good to have

- Experience in designing motor systems
- Experience in designing sensor systems
- Knowledge in Electrical Engineering and/or Software Engineering is a big plus.

Education:

- Student currently following a Master or bachelor's degree in Mechanical Engineering or Microengineering in an EPF or HES.
- New Graduate with a Master or bachelor's degree in Mechanical Engineering or Microengineering in an EPF or HES.

Location:

- MPS Switzerland Office in Tolochenaz (next to Morges)
- MPS Tech Switzerland Sàrl, Route de Lully 5A, 1131 Tolochenaz

If you are interested, contact us at

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