SMA Magnetics Sp. z o.o. is a member of SMA Solar Technology A.G. Group the World leader in PV energy conversion and energy management systems that sets the benchmark for innovative and environmentally friendly technologies. SMA builds the highest efficiency products with significant market footprint.

Currently we are looking for:

**Hardware Development Engineer Power Electronics**

Location: Zabierzów, nearby Kraków

- **Type:** Full-time
- **Experience:** Mid-Senior/ Senior level
- **Functions:** Engineering
- **Industry:** Renewables

**Job Description**

If you are keen to have your own contribution to fast changing world of renewable energy the SMA Group is place to be. The available mid-senior position is located at SMA Magnetics Sp. z o.o. in Zabierzów, Poland. Successful candidate will benefit of working in interdisciplinary and flexible team of skilled professionals. Due to its nature, work is carried with close contact to the customer and thus flexibility and availability for travel is expected. The successful candidate will work in the team and will be reporting to the Respective Project Manager within the R&D Department.

**Desired Skills & Experience**

The successful candidate will be highly numerate with a minimum of a Bachelor’s degree with at least 4 years’ experience in power electronic converters development. A higher technical degree in power electronics or closely associated area is preferred along with experience requirement and broad interdisciplinary mind-set.

Candidates should have proven experience in the design and development of power electronics converters. Knowledge and experience in the following areas is essential:

- Design and simulation of power electronics converters for grid applications
- PCB development
- Testing and qualification
- Power electronic system debugging

Additional assets that would be beneficial at the position:

- Power electronics system development
- System integration
- Mechanical optimization
- Experience in design and optimisation for high volume manufacturing
- Proven ability to lead change and to drive efficiency and cost reduction
- FMEA Methodology or other failure analysis techniques
- Knowledge of relevant to PV industry IEC and UL standards
- Affinity to quality assurance during development process

Preferred requirements:
- Masters or Ph.D. and at least 5 years of industrial experience (after degree completion)
- Excellent written and verbal communication skills in English (at least B2)
- Clear and concise mind and style of communication
- Expert in use and automatize laboratory equipment
- Excellent team player
- Self-motivated, with ability to work both independently and with multiple teams
- Highly organized and capable of working on multiple projects simultaneously

The supreme candidate that would demonstrate an experience in work planning and task management could be engaged in:

- Technical management
- Planning and implementation of work packages
- Project management for subproject planning and coordination
- Resources planning for the task

In addition to relevant experience, an enquiring mind and desire to learn new skills, an ability to think innovatively, apply physical sciences to novel real-life applications and apply engineering knowledge across different disciplines are essential qualities.

As part of our Team we offer you:

- Stable employment under a full-time employment contract
- Employment in an international company with an established market position
- Social package: medical care for an employee with the possibility of extending the package to family members, group insurance, Multisport sports card
- Financial bonuses for holidays and Christmas
- Internal and external trainings
- Positive work atmosphere
- Flexible working hours
- Being part of Eco friendly, renewable energy propagators Family

Please submit your CV by pressing APPLY until 31 July 2020