

Otis is the world's largest company for elevators and escalators. We design, manufacture, install and maintain our products worldwide. For over 160 years we have satisfied our customers through innovation and consistent customer orientation.

The Otis Engineering Center Berlin develops electronic circuits and motor drives for global usage in elevators and escalators in close collaboration with other centers in Europe, America and Asia.

To strengthen our team in the Engineering Center Berlin we are looking for a

Power Electronics Engineer

in a full-time position (38 hours/week) in the Development Department for Hardware and Drives (OEC-H&D).

Main Tasks:

- Design of power electronics for variable frequency drives and switched mode power supplies
- Layout of the relevant driver and snubber circuits, as well as the measurement and control electronics
- Schematic entry in the corresponding CAD tools
- Simulation of critical circuits
- Risk- and failure analyses
- Teamwork in international design teams
- Close cooperation with Quality Management, Manufacturing and Purchasing Departments

Essential Skills:

- University degree in Electrical Engineering, preferably with a PhD in power electronics or drive technology
- Practical experience with power electronic components (IGBT, Mosfet) and different circuit topologies for drives and switched mode power supplies.
- Expert in the design of power electronic circuits on printed circuit boards under special considerations of electromagnetic interferences
- Experience in the implementation of standards
- Safe work practice and handling of measurement equipment
- Team Spirit
- Good English Skills

We offer you:

- A direct start into the practice with opportunities to advance
- A clear goal-oriented, open teamwork environment
- The opportunity to put your project ideas with the team into practice
- Continuous personal development and the possibility to work on challenging tasks.

We are looking forward to your strong application – preferably by e-mail (max. 4 MB) with attachments in PDF-format – under the indication number PA 43/15, your salary notion and your first possible starting day.

OTIS GmbH & Co. OHG
PL-ES, Frau Neitzel
Otisstraße 33, 13507 Berlin
E-Mail: career.germany@otis.com

