



Design Engineer – X-ray Cameras (m/f/d)

Would you like to work for a start-up that develops and produces high-tech instruments for industry and science?

Our high-performance X-ray cameras make the difference.

Help us develop and manufacture the next generation of these detectors!

The Company

X-Spectrum GmbH is a spin-off of DESY. We develop and produce state-of-the-art cameras and detector systems for X-ray applications in large research facilities and industry. We work with scientists and industrial customers all over the world.

X-Spectrum is located on the beautiful premises of the Start-Up Labs Bahrenfeld on the campus of the DESY Research Center in Hamburg.

Tasks

- Mechanical design and optimization of product mechanics and electronics (housing, cooling, module concept)
- Accompanying the entire product life cycle from concept to small series production in close coordination with our electronics development and production teams
- Developing models and prototypes
- Conducting and documenting tests of the designed mechanical and electrical components
- Material selection and supplier management including quality control
- Development of custom designs according to customer specifications

Our offer

- A complex technical environment
- Wide and varied range of tasks with plenty of room to implement your own ideas
- High degree of independence
- Flat hierarchy
- Enjoyable working atmosphere in a creative and highly motivated team
- High-tech startup environment with many inspiring events and room for personal development

Your profile

- Degree in mechanical or mechatronics engineering or similar equivalent qualifications
- Relevant professional experience with microelectronics, vacuum systems or x-ray detectors preferred
- Experience with 3D-CAD systems, ideally SolidWorks
- Independent worker, strong team spirit and can-do attitude
- Fluent in English. German would be of advantage.

Interested?

We're looking forward to receiving your application at jobs@x-spectrum.de.

X-Spectrum GmbH

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