Product Engineer Electron Microscopy (f/m/d)

Eager to join a successful and growing company that develops and manufactures high tech instruments to advance science? X-Spectrum GmbH is a spin off company of the German research institute DESY. We are a truly international team embedded in one of the world’s leading research centers and work with industrial partners and scientists from many major research centers around the world. Our next generation scientific cameras enable cutting edge research and make a difference. Help us produce and calibrate these detectors so their full potential can be reached.

The position
We are looking for a gifted Product Engineer to strengthen our team. You will:

- Work in close collaboration with potential customers as well as our team of highly skilled engineers to develop Electron Microscopy products and software
- Assist product development and operation with EM detector characterization and testing
- Ensuring quality of completed cameras before they leave our company
- Prototype testing at potential OEM partners or end customers

Your profile
- A Master’s degree and a technical background in life or material sciences, physics, electronics or equivalent;
- Relevant experience with advanced X-ray or electron detectors, preferably systems based on hybrid pixel array detectors
- Experience in transmission electron microscopy operation or troubleshooting
- Knowledge in TEM automation software (e.g. serialEM, Leginon, ...)
- Programming ability is a plus
- Fluency in English is mandatory, proficiency in German is optional
- Excellent oral and written communication skills
- Enthusiasm to work collaboratively within a team

The location
X-Spectrum is located on the campus of the DESY research center in the beautiful city of Hamburg, Germany

Why should you apply?
- Be part of a growing company with friendly culture, a passionate team and excellent advancement opportunities
- Creative leeway in organizing your work
- Enter an exciting international research community

We are looking forward to receiving your written application including an anticipated starting date and salary expectation to jobs@x-spectrum.de