Elemental Scientific Inc.

Elemental Scientific (ESI) supports scientific work through online monitoring systems, laboratory automation products, sample preparation accessories, and precision sample introduction components. Our focus is on providing practical solutions that fit your workflow — whether that means improving detection limits, increasing precision and accuracy, reducing maintenance, or boosting throughput.

Semiconductor Product Engineer

Mixed laboratory and field position in Dresden, Germany and worldwide. Elemental Scientific Inc, is seeking a motivated and detailed-oriented entry level Semiconductor Product Engineer to join our growing team. Your contribution will help development next-generation solutions for the world's leading semiconductor and robotic companies. This position offers the opportunity to apply problem-solving skills to the testing and optimization of advanced automation products. Your contribution will help improve precision, reliability, and efficiency, meeting the demanding standards required to advance the development of next-generation semiconductor analytical tools. From supporting industry-leading fabs as they push the boundaries of semiconductor technology, to enabling breakthroughs in robotics and automation within one of the most and high-tech industries in the world, your work at Elemental Scientific will have a global impact.

City: Dresden; Starting date (earliest): At the earliest possible;
Remuneration: Competitive salary; Closing date: 31/12/26

Tasks

- Develop methods to determine trace metal and organic impurities on silicon semiconductor wafers
- Perform automated analyses of semiconductor process chemicals
- Provide application support to semiconductor fabs and ultrapure chemical supply chain
- Operate analytical tools, including robotic systems, mass spectrometers, and other analytical instruments
- Prepare and analyze samples and review and interpret test results
- Travel to customer sites for installations, service, and training

Requirements

- Bachelor's degree in STEM preferred
- Logical and analytical approach to problem-solving
- Ability to work both within a group and independently
- Dependable and responsible
- Possess strong computer and communication skills
- All training provided

What we offer

- Employment through German ESI branch office.
- Modern workspace close to Dresden city-center.
- Dynamic, high-tech environment.
- Competitive salary.
- Opportunity to travel.

Application

Please send your CV via the portal or directly to the contact email mentioned.

Closing date: 31/12/26
Contact person: Matej Kovac

By email: matej.kovac@icpms.com

More information at https://stellenticket.de/208810/TUD/
Offer visible until 03/01/27