

PhD MEMS / Microsystems & Sensors (m/f/d)

im Großraum Stuttgart

professional scientists ist Deutschlands erstes, konsequent auf die Vermittlung von wissenschaftlichen Mitarbeitern spezialisiertes Personaldienstleistungsunternehmen.

Our client is a renowned internationally leading company in the high-technology sector and highly qualified in the fields of Consumer Goods and IoT. They are constantly benchmarking progress in innovation and R&D worldwide, which enables them to offer varied career paths and high-level opportunities to their employees. Additionally, you will benefit from working in multidisciplinary teams, an inspiring work-atmosphere, and a lot of possibilities for your professional and personal development.

Diese Aufgaben erwarten Sie:

- Responsibility for design processes of innovative sensor products (e.g. inertial sensors, smart sensors, environmental sensors)
- Layout of sensor systems taking into account determining factors in the interaction of different microsystems
- Definition of requirements considering design of sensor functions and MEMS technology
- Recognition of interdependencies in the interaction of MEMS, ASIC and packaging
- Implementation of sensor designs and MEMS architectures
- Data processing with Matlab and corresponding analysis
- Design of innovative products using a broad technological expertise in microsystems, sensor development and MEMS-technology

Unsere Anforderungen an Sie sind:

- Excellent graduation in the areas of physics, microsystem technology, electrical engineering or comparable subjects and/or Ph.D. degree or relevant professional work experience
- Broad technological expertise regarding one or more of the following fields: sensors, electronics, microsystems, microelectronics, MEMS, microsystem technology, data processing, digital signal processing, system architecture, microcontrollers, embedded software, connection technology
- Work experience in the field of sensor development or in developing the overall architecture of complex electronical devices
- Experience in interdisciplinary team work in an industrial working environment

- Entrepreneurial and analytical way of thinking and working
- Creativity and success orientation
- Strong communication skills and ability to work in interdisciplinary teams
- Fluency in English, basic German skills advantageous

professional scientists ist für hochqualifizierte Akademiker die Anlaufstelle für Karriereplanung und Marktsondierung. Wir suchen Kandidaten aus Instituts- und Universitätslaufbahnen, die ihr Fachwissen in der Forschung & Entwicklung namhafter Industrieunternehmen einbringen und weiterentwickeln wollen. Unser Leistungsangebot ist für Sie kostenfrei.

Wir freuen uns auf Ihre vollständigen und aussagekräftigen Bewerbungsunterlagen!

Ihr Team von Professional Scientists