



Bioengineer Job Description

Aviana Saxony is a point of care (POC) diagnostic company developing a miniaturized Digital Biosensing Platform (DBP) capable of attaching to a smartphone/smart device through Bluetooth or other wireless connections. We are seeking a Bioengineer to join our growing team.

Position Overview:

The bioengineer will support research and development to advance the DBP for the detection of biomarkers and infectious diseases. This position will liaise with a global multidisciplinary team to change the paradigm of healthcare with its novel POC solution. This is a full-time position based at our laboratory in Leipzig, Saxony.

Responsibilities:

- Conduct experiments to support the following activities:
 - Surface modification and bioconjugation
 - Sequenced / semi-automatic sample treatment and modification
 - Assay development and optimization
 - Evaluation and troubleshooting of the integrated system
- Interacts with a group of scientists and engineers to integrate the electronic systems with consumable biosensor components.
- Supervises laboratory operations in a team of one or more research technicians.

Requirements:

- Advanced degree in bioengineering, biochemistry, biomedical sciences, or a closely related field.
- 5+ years relevant experience in an academic or industrial setting.
- Experience in life science instrument product development.
- Knowledgeable in vitro diagnostics, including biosensors, surface chemistry, assay development, and systems integration.
- Basic programming skills in any kind of scripting language, such as PYTHON, MATLAB, etc.

We offer:

- Permanent position in full-time or part-time flexibly possible
- Responsible and varied field of activity with great creative freedom
- Open-minded, dedicated team
- Optimal transport connection
- Above-average holiday entitlement
- Attractive additional benefits, e.g.: travel allowance, kindergarten allowance

Contact:

Steffen Zietzschmann
SAW COMPONENTS Dresden GmbH
Manfred-von-Ardenne-Ring 7
01099 Dresden

Tel. +49 (0)351 88 725 10
Fax +49 (0)351 88 725 20
zietzschmann(at)sawcomponents.de