Furtwangen (Black Forest) University’s Faculty of Medical and Life Sciences is an international, top-ranked, growing faculty for undergraduate and graduate education and cutting-edge research. In the framework of project “micro-resonators for point-of-care diagnostics of pathogens” (InfectResonator) we are offering one part-time (19.75 hours) position as

**Academic Staff (m / f / d)**

**Data Science**

With the starting date 1st of May 2020.

The contract for the position is limited to a maximum of 18 months. The weekly working hours for a 50% position are 19.75 hours. Remuneration will be in accordance with German public sector pay scales and can, dependent on individual skills and assignment of tasks, be up to pay group 13 TV-L. The position is located at our Villingen-Schwenningen campus.

Your tasks will include:

- Planning of studies (design, sample size)
- Implementation of a database for “Whispering Gallery Mode” data
- Application of machine learning procedures to “Whispering Gallery Mode” data for identification of multidrug-resistant pathogens
- Project management, contribution to research and publications
- Supervision of bachelor and master students

We are looking for:

A completed university degree (master or „Diplom“) in statistics/mathematics or computer science or a related discipline with experience in applying statistical methods and especially machine learning procedures as well as programming experience in the statistical software R and/or Python. Solid knowledge of the English language is required. We also assume that a successful candidate will have an active interest in continued further qualification and life-long learning.

We offer:

You will be working as part of a motivated, open-minded team completing interesting, diverse tasks. You will be enjoying the comprehensive remuneration and benefits package of German public sector positions. We are hoping to be able to offer an extension and/or continuation of employment through participation in further projects.

Furtwangen University is an equal opportunity employer and is committed to increasing the diversity of its faculty. As we seek to increase the proportion of women lecturers and researchers, we encourage female candidates to apply. Disabled candidates with suitable qualifications are given preferential consideration.
You will find detailed information on our university online at www.hs-furtwangen.de. For additional information on this position, please contact Prof. Dr. Matthias Kohl: phone: +49 7720 307 4635 or email: kohl@hs-furtwangen.de.

We look forward to receiving your application. Please submit it online at www.jobs.hs-furtwangen.de, no later than 22.03.2020 using the reference number 25-2020-MLS-D.