

neuroloop® develops a platform to stimulate the vagal nerve for the treatment of chronic diseases in connection with autonomous body functions. The core of our platform is a multichannel cuff-electrode based on thin-film technology that allows us to selectively stimulate specific fibers within the nerve.

Our first product, the baroloop® stimulator, is specifically developed and approved to treat high blood pressure. Our primary focus is not only on a high clinical effectiveness, but also on the best possible safety, minimal side effects for the patient and a simple use for the caregiver.

neuroloop® is a spin-off of the University of Freiburg and the Freiburg University Hospital. The start-up won the well-known med-tech giant BBraun/Aesculap AG as a proficient partner and investor.

We are currently looking for the next possible entry into Freiburg i.Br.

## Software developer (m/f/d)

You design, develop and test software for control and data evaluation in connection with our active implants in close cooperation with an/our international team. Another area of responsibility is the cooperation in the development of a cloud-based system for evaluating patient data and for remote management of patients by the caregiver.

### *Your profile*

- Masters degree in (completed studies of) computer science or a comparable discipline. Extensive experience in layout and circuit design.
- Extensive, very good programming skills (also numerics) in at least two of the following languages: C / C ++, Java, Python, Matlab.
- At least 2 years experience in developing software in an industrial environment and/or significant contribution to large, international open source projects.
- Safe handling of Linux, Android and Windows.
- Experience in web technologies.
- Very good written and spoken English.
- It is advantageous if you already have experience in the field of medical technology or comparable safety-related fields, in particular concerning the topics validation, test and documentation according to IEC 62304.

### *We offer*

An exciting activity in a young company developing the next generation of medical technology active implants.

- A dynamic, agile and international environment in a small team.
- A service-oriented competitive payment and flexible working hours.
- A start-up environment with short distances and quick decisions, but nonetheless with a big international player in the background.

If you have any questions, please contact Eva Schwab, phone +49 761 1543390.

Please send your complete application documents exclusively electronically in PDF format (max 10 MB size) to [jobs@neuroloop.de](mailto:jobs@neuroloop.de). Your application will be without saying treated strictly confidential and deleted after completing the application process.