Our growing company is looking to fill the role of prin engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for prin engineer

- This position will be responsible for leading & successful execution of the Exploratory & Technology Development Projects
- The successful candidate will have an electronics and software background with a focus on new product development, especially integrating various sensors and MEMS devices in Medical Devices, Signal processing and Algorithm development for healthcare applications
- Design, implement and test medical devices consisting of complex, integrated hardware and software systems intended for acquisition, processing and analysis of physiologic signals
- Collect data, identify and analyze trends in Operational Incidents while providing suggestions to mitigate future issues and concerns
- Review and analyze customer requirements with product owners or customers to define future products and generate development plans
- Contribute innovative ideas and solutions to complex problems
- Develop, modify, optimize and debug Syncrofit features
- Review the code design with the development team in high risk or high value areas to identify potential problems in early stages of development cycle
- Develop test plans and implement automated tests with validation engineers to ensure high product quality
- Work as part of a cross-functional development squad to create a market leading application

Qualifications for prin engineer

- Experience with medical devices performing real-time data acquisition (preferred)
- Working knowledge of IEC 60601 standards, including EMC testing
- Requires 20 years of system engineering experience and a technical Bachelor's Degree (or 5 years of additional system administration experience in lieu of the degree)
- Experience with network protocols and network devices (i.e., switches and routers)
- Requires 20 years of hardware engineering experience and a technical Bachelor's Degree (or 5 years of additional system administration experience in lieu of the degree)