Job description

Branchpoint is a fast-paced company with a great new technology. We're working to improve the treatment of patients with strokes, traumatic brain injury, and hydrocephalus. As we work through the formal testing process and get ready to transfer the system to larger scale production, we need to expand our in-house team. We are looking for a talented engineer with an Electrical, Computer, or Software Engineering background to join the team here in Irvine.

If you join, you will work with our passionate engineering team to tackle the tough problem of ensuring our system works exactly right, every time. This will include helping design and build the fixtures and/or the software that will test every one of our devices that rolls off the assembly line. It will also include an opportunity to contribute to the regulatory filings we will make, as well as preparing the full product for handover to our manufacturing partners.

We are interviewing for hardware and software roles, and everything in between. We are hiring for a position from April to August, with the possibility of extending the role to full-time thereafter.
Software Engineer Role:
- Work closely with senior software development team
- Write and run hardware interaction tests for embedded C
- Develop PC-side applications to enable system testing
- Contribute to the design and implementation of production-line test software to fully exercise the operation of our system

Software Engineer Requirements:
- Familiarity with C
- Embedded systems experience
- Good working knowledge of a higher-level programming language (e.g., Python, C#, etc.)

EE/CE Role:
- Design and build devices to test and aid in production of a high reliability medical system
- Evaluate and contribute to other team members' designs
- Review and contribute to design and testing documentation
- Assist in transfer of designs to our production partners for manufacturing

EE/CE Requirements:
- Embedded systems experience
- Familiarity with common sensor technology (pressure, temperature, etc.)
- Good working knowledge of EE lab equipment
- Ability to solder
- Programming experience is a plus
- PCB layout experience is a plus

Other
Although we are primarily looking for engineers that fit the above descriptions, we have a history of creating new positions for talented applicants. So, if you want to contribute to producing a breakthrough technology and don’t see yourself described, get in touch anyway!