

# Software Engineer

## About the Company

Welcome to BioCircuit Technologies! We are an Atlanta-based medical device company with a passion for developing cutting-edge tools to diagnose and treat neurological disorders, including spinal cord injuries. BioCircuit is translating innovative neurotechnology research into powerful tools, and we are looking for a Software Engineer to join our team.

## Job Description

The Software Engineer will be a primary developer of our application-specific software. This developer will join a small team responsible for all of our software products – ranging from the application UI to firmware – which run on our neural recording and stimulation platform.

## Key Job Responsibilities

The Software Engineer will play an integral role in bringing new products from initial concept phase to commercialization. The successful candidate will be responsible for a variety of job functions, including the following:

- Front-end development in TypeScript and React
- Back-end development in C#
- Developing and troubleshooting code that interfaces with physical hardware
- Following common software design, implementation, and testing practices, including use of source control and issue-tracking tools
- Working closely with a multidisciplinary team to help design features and create and maintain requirements

## Qualifications

### Required

- Bachelor's degree in Computer Science or Computer Engineering. Other related degree areas can be considered along with relevant work experience.
- Strong experience with one or more of these languages and technologies and an interest in learning the others
  - React / TypeScript / JavaScript
  - C# / Object-oriented programming
- Knowledge of common software development tools and processes, including Git



## Desirable

- Two years of relevant work experience (Agile software development preferred)
- Experience with embedded software or firmware
- Experience implementing signal processing in software
- Experience designing software for medical devices or other regulated industry
- Experience with hardware debugging including peripheral communication protocols
- Software test experience (e.g., unit testing, integration testing, user acceptance testing)

## Further Description

BioCircuit Technologies is a quickly-growing start-up company, in which colleagues gain exposure to all facets of medical device development and clinical translation (e.g., concept development, patent applications, grant proposals, partnerships with clinicians, presentations, etc). A successful candidate will experience the excitement of a fast-paced start-up environment and significant opportunities to collaborate with esteemed scientists and clinicians, all while being a part of BioCircuit's highly collegial culture.

## Contact Information

Please send your resume to [jobs@biocircuit.com](mailto:jobs@biocircuit.com).

