

JOB DESCRIPTION: Software Engineer

Location: NeuSpera Medical, Inc. Head Quarters in San Jose, CA,

Reporting To: Vice President of R&D, NeuSpera Medical, Inc.

JOB SNAPSHOT:

Base Pay	Negotiable
Employment Type	Full-Time
Job Type	Engineer
Education	4 Year Degree
Experience	0-5 years
Manages Others	No
Industry	Medical Devices
Required Travel	Limited

PRIMARY FUNCTION:

NeuSpera Medical is seeking a Software Engineer with embedded systems and medical device experience. The qualified candidate will be capable of evaluation, selection and the application of engineering design best practices, techniques and procedures. The ideal candidate will have experience in developing firmware and software for internal and external use. The candidate should be capable of generating well documented, readable code.

The candidate must have the ability to write design documentation and lead requirements compliance, including verification, validation and method traceability. Familiarity with design Configuration Management and Quality Control Processes is a plus. The ability to plan for and document verification test results is required. Experience in debugging and troubleshooting medical electrical systems is strongly desired.

JOB DUTIES:

- Design to Value: With a strong understanding of customer needs deliver attractive, high value product solutions.
- Rapid prototyping: Quickly translate product design needs into prototype forms ready for evaluation.
- Continuous Improvement: Continuously improve products, prototypes & development processes with an eye toward adding value & improving efficiency.
- Program Management: Participate in projects including contributing to project plans that detail timeline of deliverables, costs, scope & people.

- Intellectual Property: Disclose new ideas and support formal development of intellectual property.
- Contribute to a goal oriented, collaborative & productive work environment.
- Other responsibilities as assigned

JOB REQUIREMENTS

Software Engineer

Qualifications and Experience:

- B.S. Software or Electrical Engineering (MS or PhD is a plus)
- Demonstrated experience in medical device engineering and software design in industry or in project-based education
- Results driven, collaborative team player capable of working well with others
- Ability to listen to customers and translate into accurate, actionable specifications
- Strong coding skills, including familiarity with medical device software standards such as IEC62304
- Experience in the use of python, C, ST and TI microcontrollers
- Strong verbal and written communication skills

Work Environment:

- Office and Laboratory
- Limited travel