



Gravitas Medical, Inc.
101 Mississippi St
San Francisco, CA 94107

Job Description: Product Development Engineer (EE/SW)

COMPANY DESCRIPTION

Gravitas Medical is revolutionizing enteral feeding with smart feeding tubes, monitors, and pumps. See <https://www.gravitasmedinc.com/> for more information.

POSITION DESCRIPTION

The Product Development Engineering position supports all product development engineering activities including but not limited to design, testing and manufacturing of the Gravitas nasogastric feeding tube system.

ESSENTIAL FUNCTIONS

- Lead an engineering project, providing regular updates and delivering to mutually agreed upon milestone dates.
- Work with clinicians and data scientists to develop new products for the Gravitas platform.
- Understand circuit board schematics, and able to test and modify circuit designs.
- Understand embedded software, and able to test and modify software.
- Develop and execute test methods to benchmark the Gravitas system compared to commercially available products.
- Develop and perform verification testing and product validation testing
- Prepare technical product documentation including design history files, drawings, bill of materials, test protocols and reports, engineering change orders, etc while complying with the Gravitas QMS.
- Drive hands-on fabrication and testing of prototypes using bench testing, animal and/or cadaver studies to evaluate product designs, and recommend and implement design modifications.

REQUIREMENTS

- Minimum of a bachelor's degree in electrical engineering, software engineering or similar field is required. Master's degree is preferred.
- Minimum of 5 years medical device industry engineering experience. Catheter and electro-mechanical system experience is a plus.

OTHER QUALIFICATIONS

- Startup experience preferred.



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- Excellent interpersonal written and verbal communication skills.
- Strong team-working and communication skills. A drive to get the job done in the face of obstacles and time constraints, and a willingness to jump in wherever needed.
- Competent using office software including MS Word, Excel, Internet Explorer, PowerPoint, and Outlook.
- Proficient prototyping concepts and working in the machine shop.
- Labview experience, and general programming experience is a plus
- Robotic and electromechanical device/fixture design experience is a plus

To apply, please send your resume to hr@gravitasmedinc.com