



Potrero Medical, Inc.
26142 Eden Landing Road
Hayward, CA 94545

JOB DESCRIPTION

REPORTS TO: Senior Product Development Engineer

DEPARTMENT: R&D

Product Development Engineer Intern

POSITION DESCRIPTION

The Product Development Engineer Intern role will include developing, conducting, and documenting testing for both early-stage prototypes and sustaining/improving existing products. This role allows for some creative freedom in areas such as fixture development or design improvement suggestions. The intern will work with team members of varying expertise including mechanical, electrical, and software engineering. The ideal candidate for this role is an independent, hardworking individual, who is able to work equally well with a variety of team members as well as on his/her own.

ESSENTIAL FUNCTIONS (Included but not limited to)

- Facilitates product testing functions to assess physical performance of product, including running verification & validation tests.
- Design and assembly of R&D prototypes and testing fixtures. Including but not limited to 3D printing, using hand tools, using power tools, machining on mill or lathe, soldering.
- Troubleshooting issues with basic mechanical or electrical parts and equipment
- Basic updates to part specification and/or drawings
- Updating or writing Protocols and Reports.
- Perform additional responsibilities or other functions as assigned

REQUIREMENTS

- Contribute to the design of new products & to the optimization of current products, including developing CAD models, drawings, and specifications.
- Build prototypes and solve problems.
- Write test protocols, perform tests and document results in reports.
- Compile test data and perform statistical analysis.
- 3D Modeling experience in SolidWorks along with 2D dimensioning and tolerancing.
- Responsible for performing all duties in compliance with FDA's Quality System Regulation (QSR), ISO13485, ISO 14971, the Canadian Medical Device Regulations, and all other international regulatory requirements with which Potrero Medical complies.

PREFERRED SKILLS/QUALIFICATION

The below skills are attributes that are not mandatory but are desired in the ideal candidate.

The above job description is intended to describe the general content of and identify the essential functions and requirements for the performance of this particular position. It is not to be construed as an exhaustive statement of duties, responsibilities or requirements. Duties, responsibilities and activities may change at any time with or without notice.

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- Previous experience working within medical device quality systems.
- Hands on experience with general shop tools.
- Familiarity with Microsoft office and Google Documents
- Experience drafting protocols and reports

EDUCATION

- Currently pursuing an associate or bachelor's degree engineering, science, technical or related field

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

WORK ENVIRONMENT

- This job operates in a professional office environment.
- Majority of time will be spent in a lab environment.
- Some work in Machine Shop, involving tools such as Milling Machine, Lathe, Bandsaw, and Hand Tools.

PHYSICAL DEMANDS

- The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.
- While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand; walk; use hands to finger, handle or feel; and reach with hands and arms.
- The employee is occasionally required to sit; balance; and stoop, kneel, or crouch. The employee must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

EQUAL EMPLOYMENT OPPORTUNITY (EEO) STATEMENT

We are an equal opportunity employer and value diversity in our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

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SLI STEM Summer Internship 2021

Company Name: Potrero Medical

Company Address: 26142 Eden Landing Rd., Hayward, CA 94545

Company website: <https://potreromed.com/>

Company description and mission: Potrero Medical is a medical device start-up and we manufacture a smart urinary catheter system. The system measures vital signs, including urine output, core body temperature, and intrabdominal pressure, and then sends the data directly to the hospital EMR.

Our mission is to help clinicians transform patient care by developing a predictive technology platform for early detection of critical illnesses.

We believe our platform will provide doctors and nurses more time at the patient's bedside and less time managing technology.

What type of internship: In-person, Hybrid

Start and end date: July 1 - Sept 15, but we are flexible

Estimated hours/ week: 20

Number of internship placements: 1

Desired skills/ coursework: Basic engineering coursework, Technical Writing, Biomedical engineering would be a bonus

Minimum qualifications: Pursuing an associate or bachelor's degree engineering, science, technical or related field

Job description: see attached