Job Description: Software Engineer for Test
Cala Health, Inc.

About Cala Health
Cala Health is a bioelectronic medicine company transforming the standard of care for chronic disease. The company's wearable neuromodulation therapies merge innovations in neuroscience and technology to deliver individualized peripheral nerve stimulation. Cala Health's lead product, Cala Trio™, is the only non-invasive prescription therapy for essential tremor and is now available through a unique digital business model of direct-to-patient solutions. New therapies are under development in neurology, cardiology, and psychiatry. The company is headquartered in the San Francisco Bay Area and backed by leading investors in both healthcare and technology. For more information, visit CalaHealth.com.

The Opportunity
Cala Health is seeking a Software Engineer for Test to join our growing team. The role will be responsible for owning/designing and implementing an automated test environment for use in R&D and QA (development and verification).

Specific Responsibilities also include:
- Synchronize multi-channel analog input/output, digital input/output control and feedback
- Design, build, and maintain hardware-in-the-loop testbeds
- Write internal tools to help other developers and testers use the product
- Develop and maintain firmware and software test automation frameworks and infrastructure for Software Quality Engineering and Firmware Development
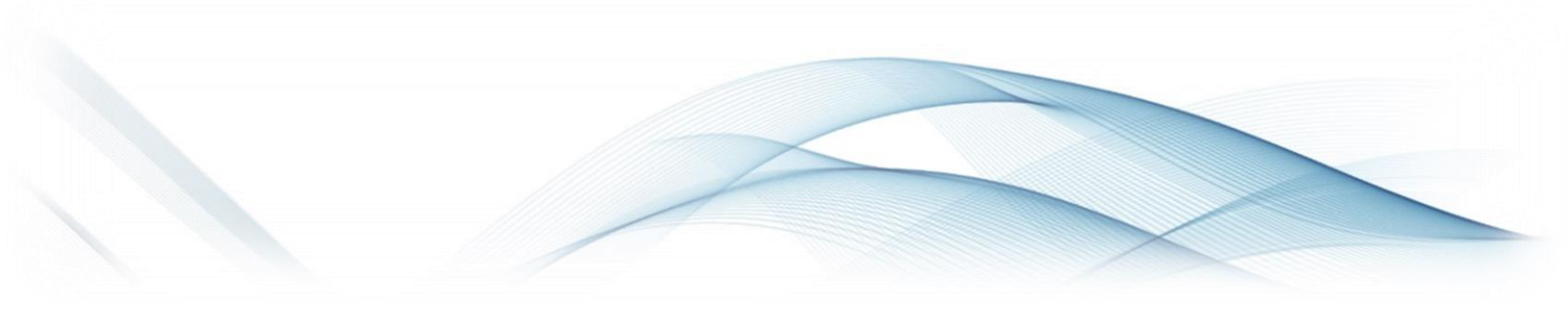
Desired Skills and Experience
We are looking for a Software Engineer for Test to support testing in a dynamic, fast-paced startup environment, exemplified by:

- Excellent Python programming skills
- Experience in test automation on embedded systems
- Integrate framework into continuous integration workflow
- Develop hardware load and control modules
- Outstanding communication skills with team members
- Outstanding written skills to define and document test system
- Write tools to post-process data from test automation and other tools as needed to support development
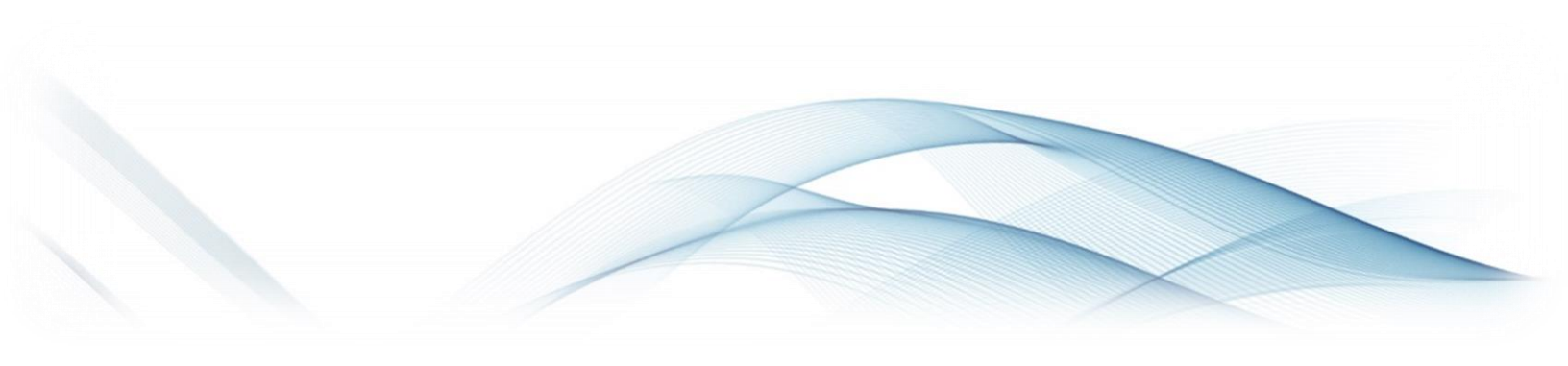
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Additional Experience a plus:

- Experience with automated test frameworks (e.g., Robot Framework), JIRA, SVN/Git, and Continuous Integration systems (e.g., Jenkins)
- C programming experience
- Experience and creativity in creating test automation frameworks for unique systems involving embedded systems
- Experience in writing and executing verification plans on medical devices, aviation, or other safety critical applications
- Automated tests in Python that were part of a Continuous Integration pipeline
- Experience with tool validation for intended use

Cala Health offers a competitive compensation and benefits program as well as a progressive work environment. We are an equal opportunity employer. If you or someone you know might be interested in this position, please submit a resume & an introductory email to **careers@calahealth.com. More information about Cala Health can be found at www.CalaHealth.com.**

The following information is for internal use only. Manager determines which items are applicable to this role.

Protected Health Information (PHI) access level per Table 2:_ ____Direct DME staff: **Y/N**

Description	Applicable? Yes/No	Evidence Location: QS Employee folder or HR file or other	Date complete
Cala System Access Request - This role will need to be assigned access and a role in a Cala Database or System - Note, business application (Asana, Box, etc) are managed by HR/SeekZen Manager completes & approves FRM-3006-1	Yes		
PHI System Access Role needed ----- Must be approved by Privacy Officer Examples: - Box folder with PHI - DME SW - Brightree - CRM Tool - SugarCRM	No	-	
OIG and Clearcheck	Yes		
HIPAA Awareness training Or HIPAA Security training – this role has responsibility for HIPAA Security	Awareness		
Is this role HCP facing? Sunshine Training	No		
Quality System Training determined per Table 1 QA will assign Training plan			

Table 1 TRAINING REQUIREMENTS:

Manager Title or Direct Reports? No
Write/Release/Approve Cala Documentation? No
Department?
a. Sales
b. Marketing
c. Customer Success
d. Data science/Research
e. Clinical Operations
f. General Administration/Executive
g. Quality?
h. R&D

Table 2 Role Based Access to PHI per SOP-9001

LEVEL 1: None – No Access

LEVEL 2: May access minimum necessary PHI to complete assigned tasks

LEVEL 3: Full access to the Patient File

LEVEL 4: Full access to the Financial information

Sample Position	Access Level				Duties Performed that requiring access
	1	**2**	**3**	**4**	
Admin / CEO VP Commercial Operations		x	x	x	Review DME, CRM or PHI system information
Customer Success		x	x	x	Create/modify/review DME, CRM or PHI system information
Operations		x			Create/modify/review DME system
Marketing Staff		x			CRM system access
Financial Staff		x		x	Create/modify/Review DME, CRM information

IT Staff		x			System support and maintenance
Privacy Officer		x	x	x	Review DME, CRM or PHI system information