

SPROUTSIO

SproutsIO is the high performance system that makes growing Personal Produce™ a pleasure. With SproutsIO, you can reliably grow fresh fruits and vegetables indoors, year-round, soil-free, using an app-controlled system that learns from your preferences. No matter your experience in a garden, SproutsIO makes the process of growing food pleasurable and rewarding.

SproutsIO Inc. was established in 2013 to shift the dependence on industrial agriculture and reposition people from the end of the supply chain to the center of their food cycle. Our mission is to develop technologies that enable large-scale change in food production through grower participation.

Electrical Engineering Technician

Cambridge, MA

Internship or Part Time Position

We are looking for a technician to assist in testing, maintaining and operating hardware and electronics for the SproutsIO system. This position requires a candidate with an optimistic, forward thinking attitude and a familiarity with implementing testing procedures. For consideration, please submit your information to the following url: <http://sprouts.io/careers>

Required Skills:

- Read and interpret schematics and PCB layouts
- Basic understanding of digital and analog electronic circuits
- Diagnose/troubleshoot electronic assemblies
- Programming firmware onto boards
- Performing life tests on the system
- Wiring cable harnesses for assemblies
- Experience soldering
- Experience using oscilloscopes and digital multimeters

Recommended/Helpful Experience:

- Designing electronic circuits
- Soldering surface mount components
- Developing high volume functional testers
- Experience making production testers
- Experience testing or repairing appliances or other white goods

Your objectives will be to:

1. Maintain operation of SproutsIO systems for testing or installation purposes.
 - a. Monitor SproutsIO systems locally and from afar to check on status.

- b. Assist in installing/uninstalling systems in various contexts.
 - c. Flashing firmware and updating systems to keep in peak condition.
 - d. Work with Plant Lab for experiment needs in testing SproutsIO systems.
 - e. Deploy and manage a ticket tracking system to automatically create tickets from team/user requests and provide response.
2. Troubleshoot electronics and maintain log of issues.
 - a. Repair and/or oversee repair of electronics in SproutsIO systems including soldering, wiring, firmware flashing, assembly and disassembly of systems.
 - b. Create data structure to maintain log of systems.
 - c. Create a self-service knowledgebase of known issues and how-to's to simplify support needs.
 - d. Report issues to SproutsIO team.
3. Develop testing protocol for in office testing and for manufacturing
 - a. Develop or assist in the development of high volume functional testers for short and long term testing of SproutsIO systems.
 - b. Running high volume functional testing on SproutsIO systems.
 - c. Develop or assist in the development of production testers for manufacturing of SproutsIO systems.

Our team is small, but we are insanely passionate about our work. The right person to join our team:

- understands how to work efficiently with honesty and integrity,
- has a sharp sense of humor,
- is incredibly organized with attention to the smallest details,
- meets commitments and is a team player (aka just gets it done),
- is proactive and persistent and doesn't take no for an answer,
- but is flexible and adaptable to change,
- is creative and innovative,
- is not afraid to speak their mind.