



## WE ARE HIRING:

# SENIOR ELECTRICAL ENGINEER

We're looking for an experienced Electrical Engineer to join our team. Develop electronics & PCBs for embedded systems, solve electrical & software problems, and build medical devices of all kinds. If you enjoy creative problem solving, seek technical challenges, and crave variety, our engineering R&D company might be the right fit for you. Never be bored again!

Benefits package includes

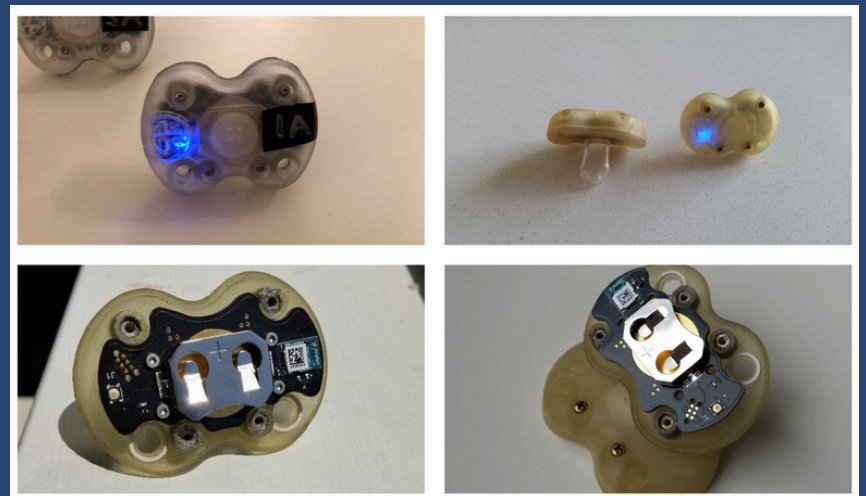
- healthcare, 401k + matching
- profit sharing, short-term disability
- continuous training & development
- personal use of our sweet Workshop.
- \$140k+ based on exp.

**Typical Responsibilities:**

- Microcontroller selection
- Power optimization for battery management
- Design for wired and wireless communication/RF
- Analog and digital circuit design, PCB layout, PLC's
- Experience working with FPGAs, ASICs
- Creatively apply high-level engineering principles to problems
- Design, build, and test designs with standard equipment
- Perform simulations and detailed analysis of system performance
- Create documentation of design, technical analyses, and test results
- Communicate effectively with colleagues, project managers, and clients
- This is an in-person position in Owings Mills, MD

**Qualifications:**

- High level of proficiency with technical engineering concepts
- KiCAD, ALTIUM
- Oscilloscope, PCB analysis & troubleshooting, soldering & PCB rework
- Enjoy tinkering & voiding warranties
- BS or MS Electrical / Computer Engineering
- 8+ years experience
- US Citizenship required (NISPOM)



**APPLY NOW**

Root3 Labs is an engineering R&D company specializing in the design, research, and development of electromechanical devices for medical device and defense industries, turning problems into prototypes and prototypes into finished products. We frequently work on problems other firms find too challenging, whether that's reverse engineering 30 year old embedded systems, miniaturizing modern designs, or integrating electronics into complex mechanical systems. Our facility includes an extensive fabrication workshop to allow quick design-prototype-test cycles using a variety of materials, equipment, and techniques.

410-701-0164 | [www.Root3Labs.com](http://www.Root3Labs.com)

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