



Junior Electrical Engineer (AKA Electronics Powerhouse), Temp to Hire

Are you looking for an exciting opportunity with a fast moving and cutting-edge technology company in the energy and CO₂ storage industries? Are you a creative and pragmatic problem solver?

GroundMetrics is expanding through a growing reputation of being able to do what others say is impossible. We're taking on tough challenges, contesting conventional wisdom, and breaking through walls to get the job done!

In this role, you'll work to ensure our rapid innovation and core geoscience ideas are leading the industry...constantly looking for better, faster ways of doing things through new technologies. In this unique role, you will combine your electrical engineering knowledge, your love for getting things done, and your drive to make an impact to assist our electrical design engineer to build, test, use and maintain our proprietary sensor systems.

In this role, you'll get to travel (domestically and internationally) to help conduct electromagnetic geophysical data acquisition and data processing. But because you're versatile, you'll love oscillating between the office and the field to resolve electrical or engineering challenges. You'll be working on things like modifying electrical systems and conducting tests to evaluate system performance and then analyzing and interpreting the results.

You will also use your expertise to establish successful turnkey manufacturing standards for GroundMetrics products by creating design, assembly, material specification, test procedure, and troubleshooting documentation and managing contract manufacturer relationships.

You will not only be a key player in GroundMetrics growth but will also have a direct impact on an emerging technology leader in the energy space.

What experience will help get you there?

You are innovative and RESOURCEFUL and are able to manage multiple priorities within a limited timeframe. You have a BIAS TO ACTION and break through walls to get things done. You OWN your desk and embrace responsibility to deliver results. You continuously CREATE VALUE through quality, on-time delivery.

You are a pro-active learner who thrives on moving and failing fast. You excel working both independently and in dedicated, intelligent, driven teams. You have history of being able to manage time and details, prioritize, and work with little direction.

You enjoy bench work and have experience soldering, PCA reworking (SMT package sizes down to 0402, MMSOP, and TSSOP), PCB designing, FAT testing, cable harness assembly, general mechanical assembly, and basic schematic capture skills. You have also assembled and tested electronic systems and prototypes using your knowledge of electrical principles.

You have a bachelor's degree in electrical engineering, have working knowledge of Altium, Labview, MATLAB and maybe even SolidWorks, and have experience with low frequency RF/analog and digital engineering. You have two or more years of electrical engineering work experience under your belt and have demonstrated leadership skills and even an entrepreneurial mindset (even if dating back to college activities.)



We are looking for a talented and versatile junior electrical engineer who wants to work in a fast-paced, game-changing, high-tech start-up setting where you can truly make a difference in the company and the industry.

If you are the person that will conquer this role, email careers@groundmetrics.com with your resume and references.

Who are we?

San Diego-based GroundMetrics is an early stage, fast growth company commercializing cutting-edge electromagnetic [sensor system technologies](#) and data analytics for underground exploration and production. We offer advanced underground surveying and imaging technologies, primarily to the oil, gas, geothermal and carbon sequestration industries, but the core technology is truly a platform that extends well beyond those industries. Our unique technologies and innovative approaches unlock new applications and markets. www.groundmetrics.com

What we've done!

GroundMetrics has invented and developed the [eQube™](#) – the only onshore low frequency capacitive electric-field sensor (patented); a new borehole casing source method (patented); the [Eos™](#) – the only EM sensor integration with a wireless seismic data recorder (enabling the only real-time, in-field EM quality control system); and the [lmon™](#) – the most accurate source waveform monitoring system in use. We've applied machine learning techniques in a new way to take full advantage of large, diverse EM datasets (patents pending). Next we plan to invent and implement new EM inversion methods and commercialize new applications such as casing integrity, carbon capture and storage monitoring and more. All of our technologies are grounded in both computational modeling and the large volumes of onshore EM data we acquire ([1 million measurements and counting](#)).

GroundMetrics, Inc. is an equal opportunity employer. GroundMetrics, Inc. does not discriminate in employment on account of race, color, religion, national origin, citizenship status, ancestry, age, sex, sexual orientation, marital status, physical or mental disability, military status or unfavorable discharge from military service (for any applicable states, or based upon sexual orientation, gender identity and or gender expression).

GroundMetrics does not work with external recruiters for this position; direct applicants only please.