



## **Electronics Engineering Technician**

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Have you ever wished there was a way to bring your craft to the emerging fields of neuroscience research or Brain Machine Interfaces? Have you ever wanted to contribute to groundbreaking scientific research?

Are you a stickler about getting a job done right? Does making a product or a procedure perfect sound appealing to you?

Do you take pride in taking the time to do your job correctly instead of getting the job done as quick as possible?

Do you want to make a difference by being a part of a team that has their hearts (and minds and hands) set on improving the lives of underserved patient populations?

Want to work with the coolest gang of scientists and engineers ever? Yep, I said it, we think they're cool – so cool that we all get together for Curry Thursday each week.

If you answered yes to these questions, you might be our next Rippler!

We are looking for a friendly, focused, driven Electronics Engineering Technician to join our tight-knit team of experienced professionals to help manufacture and test our neuroscience research equipment. This is a full-time, exempt position, starting in October in our Salt Lake City office. This position reports to our heavyweight-lifting and 90's-music-loving Purchasing & Supply Chain Manager, Amanda Langford.

### **About this Position**

Here's what we are looking for. If you have any of the following experience, then give us a holler:

- Associate's degree or equivalent from 2-year college or technical school in Electronics Engineering
- 2 years technical experience in an Electronics Manufacturing environment
- Lots and lots of soldering experience – this is a must! We need soldering gurus!
- 2-5 years circuit debugging experience
- Firmware programming
- Reflow experience
- Process and debug documentation – we are in the process of becoming ISO 13485 or ISO 9000 compliant. Bonus points if you are knowledgeable about ISO 13485 or if you have worked in a Quality Management System. Note bonus points can be traded in for cookies!

Here's what you'll do:

- Assemble and test electronic systems according to documented procedures
- Program and execute firmware images on electronic systems
- Troubleshoot and repair failing electronic systems

- Utilize soldering equipment to remove, replace, and install very fine pitch electronic components
- Track and help resolve manufacturing and design defects in electronic systems
- Document manufacturing and test processes – if you do not think documentation is important or if you believe you are “above” this task, then this is not the job for you!
- Provide technical assistance and feedback to manufacturing personnel and electrical engineers
- Learn about neuroscience and Brain Machine Interfaces
- Be thoughtfully constructive: We are looking for solution-oriented team players who can check their egos in order to collaborate to overcome obstacles.
- Genuinely care. At Ripple, we care deeply about each other and treat each other with respect, kindness and patience. We care about the products we create and demand the best of ourselves.
- Believe in Quality! All Rippers are committed to making everything we build or design exceptional by being proactively involved in the quality process.
- Have opportunities for skillset growth and increasing technical knowledge

Here’s who you’ll do it with:

- Amanda! As Purchasing & Supply Chain Manager, she will be your direct supervisor. She will help you manage priorities and projects. She keeps the processes processing and the workflow flowing.
- Josef and Roy – more lovingly known as Joe and The World is your Royster. You will be responsible for testing the electronics that these hard-working guys make. Joe and Roy are machines when it comes to getting work done.
- Our Electrical Engineering team, our Mechanical Engineering team, and some of our Software Engineering team will work closely with you to teach you how to make and test our products. Get ready to talk about Sci Fi books and movies too!
- Our Quality team. They are spearheading our efforts to become ISO 13485 compliant. They will help you learn how to work in our Quality Management System and keep you on track to make the coolest neuroscience research tools on the market.

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. We are a team. We pitch in and help each other on all projects. If you are “above” doing certain tasks, Ripple is definitely not a good fit for you.

Ripple is committed to equal employment opportunities, and does not discriminate on the basis of any protected class defined by the Equal Employment Opportunity laws. Yeah, I know. You’ve heard it a million times, but we really do mean it. We are totally willing to make reasonable accommodations to enable individuals with disabilities to perform this job.

### About Ripple

Ripple creates life enhancing neurotechnology for research and medical applications. Our products integrate cutting-edge hardware and software elements designed to read and write from the human nervous system. We are funded by our sales revenue and grants from NIH, DARPA, and the Congressionally Directed Medical Research Program (\*sigh\* that was a mouthful.)

At its core, Ripple is a community of driven people who are choosing to work together on really hard problems. We are builders and creators and want to see our efforts impact the world for good. Those who thrive at Ripple are self-motivated and work well independently. There are times of intense effort and individual contribution and sacrifice, but we know that what we are building will take time, and living a fulfilling life outside of Ripple will keep team members deeply engaged.

We expect great ideas to come from everyone at Ripple. We are passionate and friendly, patient and thoughtful, and all agree to not work with jackasses (no matter how great you think you are). All of us must actively contribute to the quality of our processes and products through thoughtful effort. There is no shortcut to making implantable medical devices or cutting-edge neuroscience tools, but with a strong team of friends building them together, it is worth it.

What do you think?

Are you into it? Does this job posting make you warm and fuzzy inside? Are you already on our website checking out our products to see what you can do to make them even better?

Then what are you waiting for? Send your resume on over to [jobs@rppl.com](mailto:jobs@rppl.com) with a cover letter explaining your interest in this position, and in working for Ripple.

We are excited to hear from you!