

# Electrical Design Engineer

**Location:** San Luis Obispo, CA

**Type:** Full-time

**FLSA Status:** Exempt

## About AxonVR:

AxonVR is reshaping the way we interact with technology by bringing lifelike touch to digital experiences. When you combine our HaptX™ Platform with virtual reality, you feel an experience that journalists describe as "absolutely magical" and "freaking epic."

We have a bold vision: a world in which virtual experiences are indistinguishable from real life. As trailblazers in haptic technology, each team member is mission critical. We're growing quickly, so now is the time to join us in shaping the technology of tomorrow.

## About the position:

The electrical design engineer will be responsible for the design, prototyping, and testing of robotic equipment. You will have constant hands on opportunities and be responsible for designs from concept to deployment. This role is part of a small, highly motivated, and collaborative team developing new technology and creating products.

### Essential duties include:

- Take a project from scoping requirements through product deployment
- Design and manufacture of prototype and product PCBAs
- Troubleshoot embedded systems using schematics, multi-meters, oscilloscopes, etc.
- Work closely with firmware, hardware, and software teams to optimize the systems

## Required Skills and Expertise:

- Excels working in fast-paced startup environment with dynamic design constraints
- Detail oriented
- Self-motivated continuous learner
- Experience engaging in multidisciplinary projects and communicating with engineers from other disciplines
- Experience taking ownership of a project or task and ensuring successful and timely completion
- Experience in mixed signal design for sensing and actuation applications
- Experience with microcontroller peripherals and communication busses (SPI, I2C)
- Experience with schematic capture and layout in Altium, Eagle, or similar software
- Experience with switching power supply topologies
- Available to work 40 hours/week in San Luis Obispo, CA

## Desired Skills and Expertise:

- Familiarity with sensor noise and signal integrity considerations
- Knowledge of real-time control systems is strongly preferred
- Experience with embedded firmware

**To apply:** Please submit a PDF resume and cover letter to [jobs@axonvr.com](mailto:jobs@axonvr.com) with "Electrical Design Engineer" in the subject line.

*Resume title should read: Electrical Design Engineer\_[First & Last Name]\_Resume*

*Cover letter title should read: Electrical Design Engineer\_[First & Last Name]\_Cover Letter*