

Electrical Engineering Intern

Zebulon Solutions is looking for an electrical engineering intern part-time for summer 2015.

Job Description

Work on real product design projects, ranging from concept design to cost reduction redesigns to firmware optimization to product testing. Responsibilities will vary with our needs and the needs of our customers, but may include:

- Firmware tweaking and optimization
- Component research and selection
- Breadboard design / bring-up / debugging
- Fixture / wire harness design and construction
- Soldering / de-soldering / debug of PCBAs
- Generating documentation

Qualifications

This position is suited for an undergraduate or grad student pursuing an electrical engineering degree with a focus on hardware or electromechanical systems. Hands-on lab skills including soldering; use of lab instruments such as DMMs, oscilloscopes, etc.; and debugging are mandatory, and experience in writing embedded software / firmware for microcontroller boards is highly desired. Excellent writing, communication and computer skills, as well as a passion for cool hardware products and building stuff—that's what we do—are table stakes. Pluses would include previous engineering internships; experience with PCBA CAD tools (layout and/or schematic capture); extensive firmware experience; and experience working with complex electromechanical systems such as robots.

Job stuff

We are looking for 20 hours +/- a week through the summer. We're somewhat flexible on hours, and from time to time some telecommuting may work out, but most of the work will be hands-on in our Longmont shop. This is a paid internship as a part-time, W-2 employee.

About us

Zebulon Solutions is a product design and industrialization services company. Meaning we help our customers design their products and get said products into manufacturing—the tough part. Our projects are stupidly diverse: right now we're working on an 8 kW-hr flow battery, a solar lighting system for off-grid medical clinics, and a wireless mesh. Among other projects. Our customers are similarly diverse, billion dollar conglomerates and start-ups, local but also global—one of our best customers is located in Brisbane, Australia. We've been in business for over six years, we're profitable, and we're growing. Check us out at www.zebulonsolutions.com then email a résumé to info@zebulonsolutions.com.

Zebulon Solutions is looking for an electrical engineering (hardware) intern part-time (~ 20 +/- hours / wk) for summer 2015. Work on real product design projects, ranging from concept design to cost reduction redesigns to product testing. This position is suited for an entering junior / senior / grad student pursuing an electrical engineering degree with a focus on hardware or electromechanical systems. Hands-on lab skills including soldering; use of lab instruments; and debugging are mandatory. We're somewhat flexible on hours, and from time to time some telecommuting may work out, but most of the work will be hands-on in our Longmont shop. This is a paid internship as a part-time, W-2 employee. Check us out at www.zebulonsolutions.com then email a résumé to info@zebulonsolutions.com