



Electric Era was founded to revolutionize the world's electric vehicle charging infrastructure. We are designing, building, and testing high C-rate batteries to provide the necessary charging infrastructure innovation needed for the affordable and timely electrification of transportation. Our high power batteries will be a critical infrastructure piece of the electrical grid and will complement the deployment of low operational & capital cost fast charging infrastructure around America.

### **Electrical Engineering Intern:**

As an intern, you will have the opportunity to join us in this mission, take ownership of a variety of components of the Electric Era hardware platform, and execute from ideation to in-field operation. Your contributions will be critical to the long-term success of the company. Our company was founded by engineers that wanted to innovate better battery technology, and we love working from first principles to tinker with our designs and optimize for performance, cost, and reliability.

The Electrical Engineering Intern will own key architectural and board level projects that contribute to critical system level milestones and subassembly test campaigns. This technical work will also be complemented by detailed cost analysis, design for manufacturing, and regulatory approval. The Electrical Engineering Intern will work closely with Electric Era engineering and business leadership to define the electrical systems for our products and support product installations in the field.

### **Responsibilities:**

1. Analysis and simulation in electrical and thermal domains
2. PCB schematic and board design, manufacturing supervision, and testing
3. Electrical and thermal instrumentation and data collection; test setup design
4. High voltage and low voltage system architecture and design
5. High-speed digital communications and IC bringup
6. BMS and battery monitoring electronics
7. Document and report key design criteria and test results
8. Present work in design reviews
9. Research and understand key regulatory requirements and their impact on design

### **Qualifications & Preferred Skills:**

1. Rising Sophomore or above with 3.3+ GPA in Electrical Engineering or related course of study
2. Previous Design-Build-Test project experience in classroom or extracurricular settings
3. Strong personal project portfolio demonstrating academic and practical capability
4. Hands on board design and test experience
5. Previous internship, research, or other business experience
6. Strong verbal and written communication skills
7. Embedded programming experience is optional, but strongly encouraged

To apply, please email a resume to [recruiting@electriceratechnologies.com](mailto:recruiting@electriceratechnologies.com).