

## **Company Overview**

Autotool Inc. is a rapidly growing, single-source supplier of advanced robotic systems. We offer access to the latest innovations in design and engineering, a bright, open work environment, generous compensation, and a full benefits package. We believe in growing our team members and are proud to be a company where advancement and new opportunities are open. We are also excited about our recent expansion and the continuous growth of our company. For additional information, visit [www.autotoolinc.com](http://www.autotoolinc.com).

## **Job Overview**

We are currently seeking an **Electrical Controls Engineer** to join our growing team. This position will be responsible for designing controls schematics for automated systems as well as PLC/HMI and Robot programming using a variety of different software. The Electrical Engineer will coordinate the build of their design and troubleshooting their software once their project is ready for debugging. The electrical engineer will have the opportunity to see each project through from design to installation at the customer's site.

## **Responsibilities and Duties**

- Utilize CAD to create schematic drawings based on customer standards.
- Design PLC ladder logic using Allen Bradley, Siemens, or other programming software to control automated systems
- Create HMI screens to accompany PLC logic
- Programming the initial setup and structure of robots
- Integrate and troubleshoot programs during initial build
- Support installation at customer's site
- Work alongside technicians to confirm proper integration
- Design system network layouts
- Review and verify existing customer equipment
- Converse with engineers and customers to ensure high quality design.
- Evaluate electrical systems, products, and components to ensure efficiency and innovation during design

## **Qualifications and Skills**

- Bachelor's Degree in Electrical Engineering
- 2+ Years of Electrical Engineering experience
- Ability to create and understand ladder logic
- Experience using Allen Bradley or Siemens software package

- Experience with HMI programming software
- Experience using AutoCAD Electrical or EPlan
- Experience with Fanuc, Yaskawa or ABB robotics
- Ability to design industrial power distribution circuitry
- Possess strong problem solving skills in order to identify and troubleshoot issues
- Knowledge of current safety standards
- Robotic and servo experience is a plus
- Ability to use Microsoft Office

### **Benefits Upon Hire**

- Competitive Salary
- Medical/Dental/Vision
- Dollar for dollar matched 401K Safe Harbor plan
- Short/Long Term Disability available
- Company paid life insurance and voluntary life insurance
- Many voluntary benefits available, including Accident Insurance, Critical Illness Insurance, Group Legal Services, Identity Theft, and Pet Insurance
- Formal and on the job training
- Employee purchase program
- Paid Holidays
- Paid Time Off
- Year-end bonus