



## **Eckhardt Optics LLC**

13025 Fenway Blvd  
Hugo, MN 55110  
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# Help Wanted: Automation Engineer

## **About the Company**

Eckhardt Optics LLC designs and manufactures custom optics for testing Virtual Reality (VR/AR) headsets and other measurement applications. We are a small but rapidly growing organization that offers a flexible work environment. Our people are not just cogs in a wheel; each one plays an integral role in our success. We offer a fast-paced work environment with opportunity for employees to learn and develop new skills. Members of our team are honest, creative, driven, and have a passion for learning.

## **About the Job**

We are looking for a full-time, salaried Automation Engineer. The job will involve the following tasks:

### **Major Accountabilities**

- Automate Test Equipment: create embedded systems to eliminate manual labor in lens testing
- Automate Production Equipment: create embedded systems to run our production machines
- Motorize Lenses: create embedded systems to focus and zoom lenses
- Control Software: write Windows programs in C++ to interact with the embedded systems
- Process Development: we are on a journey toward becoming Lean, and we want everyone's input

### **Potential Areas for Involvement**

- EckERP: develop and maintain our internal ERP system in JavaScript and Vue
- Cost Reduction: figure out ways to save money
- Sourcing: find new suppliers, either for new types of parts or just better ones
- ISO 9000 Preparation: help us to prepare for ISO 9001 certification

Because of the hands-on nature of this role, the hired individual will be expected to report to work on-site at our offices in Hugo, MN. Applicants should have a bachelor's degree or equivalent work experience.

## **About the Ideal Candidate**

The ideal candidate will love to learn. They will be intelligent, resourceful, and creative, with strong analytical skills. Impeccable integrity is required as well as the ambition and enthusiasm to help the company grow rapidly. They are an A-Player who can see what needs to

be done and do it well, independently or in a group. Above all, they must be passionate about the core values listed on the Careers page on our website.

## **Skills**

The ideal candidate will be skilled in designing PCBs based on Arduino and Beaglebone SBCs using Eagle or a commercial program. They will also be competent in writing code in C++ to drive automated systems. Use of Excel and/or Jupyter notebooks for analytical calculations is expected. Candidates will show an ability to write clear standard operating procedures for our technicians. We will provide training related to optics.

## **Benefits**

Members of the Eckhardt Optics LLC team enjoy working in a collaborative environment and are rewarded with competitive compensation and benefits, including, but not limited to:

- Flexible work hours
- Paid Time Off (PTO)
- 10 paid company holidays annually
- Health insurance with an HSA plan
- Retirement plan: SIMPLE IRA with company match on the first 3%
- Long-term disability insurance