

AUTOMATION & VISION ENGINEER

Department: Engineering
Reports To: Lead Controls Engineer
FLSA Status: Exempt
Updated: September 14, 2020

Working at Eckhart is an opportunity to directly impact the future of American manufacturing. We are an Industry 4.0 leader committed to developing advanced manufacturing solutions that enhance the quality of life. Our AUTOCRAFT™ autonomous guided vehicles and FLEXCHECK™ collaborative robotic error-proofing systems lead the market in reliability and dependability. Our suite of solutions includes AGVs, collaborative & traditional robotics, 3D printing, conveyance & automation, highly engineered weld fixtures, lift-assist & ergonomic tooling, and mechanical & electrical engineering services. Our solutions improve employee safety, product quality, and productivity at the largest companies in the world.

Eckhart invests in people because we believe it is our people who differentiate our solutions and our company from our competitors. For over 40 years our company has committed dedicated creative minds to conceptualize and design custom manufacturing solutions for industry. Our customers span medical devices, food, consumer packaged goods, aerospace, automotive, industrial machinery, commercial construction, household appliances, and farm machinery & heavy trucks. We thrive solving our customers' most difficult problems and find satisfaction when customers receive safe and efficient turn-key solutions that enhance their quality of life.

Description

Eckhart is a premier market leading manufacturing solutions provider to Fortune 500 industrial manufacturers. We are seeking creative minds committed to innovative disruption like artificial intelligence, autonomous guided carts (AGCs), additive/3D printing, collaborative robotics, and microlocation spatial positioning. We believe companies that embrace Industry 4.0 will shape the future of how things are made.

From ergonomic lift-assist solutions, that help manufacturers transfer raw material and large components to points of assembly in factories, to turnkey fully integrated controls that empower manufacturing companies to identify parts, confirm work sequences, and monitor product quality, our team loves creativity and ingenuity. We work closely with our customers to ensure their design to installation experience at Eckhart is exceptional.

Eckhart's Automation & Vision Engineer is a key member of the team responsible for executing automation projects from concept to runoff. The ideal candidate will possess a continuous improvement mindset and have a passion for growing the company's technological offerings and improving engineering standards and process flow. Challenging the engineering team to integrate sound engineering practices into the design of advanced industrial solutions will be a high priority. The individual must possess a sound technical background and be capable of managing multiple priorities.

Required Competencies:

- Fanuc robot programming, both off and online, with ability to own a program from blank page to completion
- Fanuc IR Vision
- RoboGuide
- 2D + 3D Vision & Inspection, hardware and programming (Keyence preferred but depth in any system acceptable)

Preferred Competencies:

- Other robot make programming (e.g., Kuka, UR, Motoman)
- SolidWorks or other design software experience
- Controls/PLC experience

Qualifications:

To perform this job successfully, an individual must be professional, proactive, and positive. Having a passion for exceptional customer service and support is a must. Being sensitive to the unpredictable demands and uncertainties associated with customer service is a requisite to delivering superior results and exceeding the expectations of very demanding customers.

Education and/or Experience:

A four-year degree or a two-year technical degree in Automation Engineering, Mechanical Engineering, Electrical Engineering, Manufacturing Technology, Mechatronics, or a related field is preferred. Also require at least five years of custom automation & controls experience.

Other skills and abilities:

- Understand customer needs, apply technical knowledge to identify process requirements, recommend and implement custom engineered solutions
- Demonstrate Engineering professionalism in all activities and provide timely & efficient service to customers
- Ability to analyze, troubleshoot, and improve existing processes
- Ability to read and understand mechanical and electrical controls drawings
- Working knowledge of manufacturing and assembly processes.
- Proactive behavior, taking initiative, seeking continuous improvement
- Must be able to communicate effectively with employees, colleagues and customers both orally and written
- Computer Literacy (Microsoft Office Programs)
- Ability to maintain confidentiality.
- Ability to work well under pressure and to remain flexible to changing schedules and demands.
- Must be able to travel within the continental US