

Gehring Career

CONTROLS HARDWARE DESIGN ENGINEER

CATEGORY: Recent Graduates / **FIELD OF ACTIVITY:** Engineering / **LOCATION:** Farmington Hills (US)



Classification: Exempt

Reports to: Mechanical Engineering Manager

Summary/Objective

With 90 years' experience, Gehring is the leading global honing expert producing premium products and services – because honing is our passion. To serve our expanding global market, we offer our employees an innovative and inclusive work environment where we function as a team. Everyone's goals are the same – to give our automotive OEM customers the best product possible.

The Mechanical Project Engineer will perform all activities associated with mechanical design and engineering for the machine tool industry. This includes close interaction with project teams in a positive and focused manner to realize productive results. Clear inter-departmental communication is necessary, as are frequent customer discussions. The individual must also provide accurate and high quality work with minimal supervision.

Essential Functions

- Understanding of controls hardware/software design and implementation
- Ability to understand and work to all local, regional, and federal regulations, assuring that designs and applications meet and/or exceed compliance
- Human Machine Interface (HMI), User/Operator Interface
- Maintains product and company reputation by complying with federal and state regulations

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Competencies

- Ability to develop EPLAN Hardwire design for machine applications
- Ability to develop AutoCAD Hardwire design
- Knowledge of AutoCAD electrical
- Knowledge of Siemens Distributed Safety PLC hardwire design
- Good understanding of communication networks design
- Knowledge of motion control devices such as servo motors and controllers
- Ability to remain flexible throughout the delivery of programs to accommodate for changes in scope and direction
- Strong oral and written communication skills for internal and external communication
- Must have strong problem solving skills and leverage previous experiences to solve technical problems.

Work Environment

- This job operates in an office and shop floor setting.
- Eligibility
- Candidates must be legally eligible to work in the United States of America without company sponsorship.

Relocation Assistance

- Yes

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

This is a largely sedentary role with long periods of sitting.

Required Education and Experience

- Associate's or Bachelor's degree in Electrical Engineering with 2+ years' experience in Electrical Controls Engineering or 5-10 years practical Controls Engineering experience
- Experience with the design and implementation of System PLC Code, controls networks, and integrated motion controllers
- Experience with one or more of the hardware and software applications for Allen Bradley, SIEMENS, and Modicon Programmable Logic Controllers "PLC"

Gehring L.P.

📍 24800 Drake Road
Farmington Hills, MI

☎ Tel: +49 711/3405 - 0

✉ careers@gehringlp.com

🌐 www.gehring-group.com/en-er





CONTROLS HARDWARE DESIGN ENGINEER

CATEGORY: Recent Graduates / **FIELD OF ACTIVITY:** Engineering / **LOCATION:** Farmington Hills (US)

EEO Statement

Gehring provides equal employment opportunities to all individuals without regard to race, color, age, religion, national origin, sex (including pregnancy and conditions related to pregnancy), genetic information, disability, height, weight, citizenship, sexual orientation, transgender status, misdemeanor arrest record, marital or veteran status and any other statuses protected under federal, state, or local law. This policy applies to all areas of employment, including recruitment, hiring, training and development, promotion, transfer, termination, layoff, job assignment, leaves of absence, assignment of work, compensation and all other conditions and privileges of employment in accordance with applicable federal, state, and local laws.

Other Duties

This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Gehring L.P.

📍 24800 Drake Road
Farmington Hills, MI

📞 Tel: +49 711/3405 - 0

✉ careers@gehringlp.com

🌐 www.gehring-group.com/en-er

