

Robotics Engineer

Ihre Aufgaben

POSITION DESCRIPTION:

An ideal candidate for this position will be someone who can work effectively on a small team to implement robust manufacturing solutions involving collaborative or industrial robotics. Proficiency with industrial and collaborative robots, mechanical design, and HMI/PLC development are integral to this role. Projects will vary from updates to existing equipment, to basic collaborative robot handling solutions all the way to fully integrated production equipment performing operations such as screw-driving, sealant dispense, and product assembly. We utilize the latest Allen-Bradley safety PLCs and industrial and collaborative robots, working closely with our component suppliers to ensure we can stay ahead of the innovation curve. There are also no shortage of new ideas and interesting challenges, so you'll have no trouble finding opportunities to make a difference fast!

DESIGN & DEVELOPMENT:

- Use process requirements and design guidelines
- Create and review equipment/production concepts; includes:
 - Safety risk assessment
 - Mechanical (end-of-arm tool, fixtures, frame, etc.)
 - Electrical/control (actuators, sensors, communication, HMI, PLC)
 - Software (PLC and HMI)
- Component evaluation and sourcing
- Document design (mechanical drawings, schematics, spare parts, etc.)
- Debug and qualification of new equipment

CONTINUOUS IMPROVEMENT:

- Escalation point for production support topics
- Mentor technical resources (engineers, technicians, etc.) to improve flexibility
- Identify and implement production improvements

INNOVATION:

- Evaluate new technologies to enhance capabilities, some examples:
 - New equipment
 - Robotics with integrated AI-enhanced vision
 - Advances to safeguarding
 - Applied big data to facilitate machine learning for equipment robustness, process control, and intelligent maintenance
- Document findings and share with global community

Ihr Profil

WHAT YOU BRING TO THE ROLE



Job ID
REF86102C

Arbeitsbereich
Engineering

Standort
New Braunfels

Leadership Level
Leading Self

Job Flexibilität
Onsite Job

Rechtliche Einheit
**Continental Autonomous
Mobility US, LLC**

- Bachelor's in Engineering (Mechanical, Electrical, Systems, or Controls) or other related field of study
- Strong time-management skills with the ability to manage multiple priorities
- 2+ years experience writing ladder logic in manufacturing using a safety PLC (Rockwell/AB)
- 2+ years experience with industrial robots/cobots (Fanuc, Universal Robotics, Techman)
- Knowledge of safety standards for machine design and risk assessment
- Machine building
- Mechanical design using CAD (Solidworks)
- Must be able to work well on a team
- Strong, clear, written and verbal communication skill
- Ability to work possible non traditional work hours as needed (on call some nights and weekends)
- Interest in working on the shopfloors and the lines, training and mentoring technicians.

Legal authorization to work in the U.S. is required. We will not sponsor individuals for employment visas, now or in the future, for this job opening

Relocation is not available for this opportunity.

Physical Requirements and Work Environment:

- Ability to work on a manufacturing shopfloor environment
- Must wear company-provided ESD safety-toed shoes, smock, and other PPE in required areas
- Sitting or standing for 8+ hours, reaching, and using hands/fingers to operate a computer and other office equipment
- Must be able to push, pull, reach, twist, turn, stoop for duration of 8+ hour shifts
- Ability to lift or carry objects up to 40 lbs. unassisted
- Ability to climb ladders
- Ability to bend at waist and perform repetitive foot and hand action
- Dexterity of hands and fingers to operate any required computer keyboard, mouse, and other technical instruments.

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THE PERKS

- Immediate Benefits
- Robust Total Rewards Package
- Paid Time Off
- Tuition Assistance
- Employee Discounts, including tire discounts

- Competitive Bonus Programs
- Employees 401k Match
- Diverse & Inclusive Work Environment with 20+ Employee Resource groups.
- Employee Assistance Program
- Future Growth Opportunities, including personal and professional
- And many more benefits that come with working for a global industry leader!

All your information will be kept confidential according to EEO guidelines.

EEO-Statement:

EEO / Disabled / Protected Veteran Employer. Continental offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, Continental complies with government regulations, including affirmative action responsibilities for qualified individuals with a disability and protected veterans, where they apply. To be considered, you must apply for a specific position for which Continental has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, Continental provides reasonable accommodations to qualified individuals with a disability. If you need assistance in the application process, please reply to Careers@conti-na.com or contact US Recruiting at 248.393.5566. This telephone line and email address are reserved solely for job seekers with disabilities requesting accessibility assistance or an accommodation in the job application process. Please do not call about the status of your job application, if you do not require accessibility assistance or an accommodation. Messages left for other purposes, such as following up on an application or non-disability related technical issues, will not receive a call back.

Ready to drive with Continental? Take the first step and fill in the online application.

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The Company

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In **2024**, Continental generated **preliminary** sales of **€39.7** billion and currently employs around **190,000** people in **55** countries and markets.

The Automotive group sector comprises technologies for passive safety, brake, chassis, motion, and motion control systems. Innovative solutions for assisted and automated driving, display, and operating technologies, as well as audio and camera solutions for the vehicle interior, are also part of the portfolio, as is intelligent information and communication technology for the mobility services of fleet operators and commercial vehicle manufacturers. Comprehensive activities relating to connectivity technologies, vehicle electronics and high-performance computers round off the range of products and services. Are you ready to shape the future with us?