

Permanent, full-time, in-office position

Location: Sheffield, South Yorkshire, United Kingdom

About Rivelin

Rivelin's mission is to bring advanced robotics to the mainstream. We exist to unlock the automation of jobs that are too hazardous, too strenuous or just too unpleasant to do by hand. It takes a human craftsman years to learn machining and metalworking, a skilled trade which is vital for manufacturing the things we use every day. As jobseekers' priorities continue to move away from manual work, we hope to smooth the transition to simpler, safer and cleaner digital manufacturing through the power of software, mechatronics and AI.

We are looking for resourceful and collaborative optimists who don't see roadblocks but instead see stepping stones to success. You will join a team of growth-minded individuals who embrace challenges and take ownership of their work. Help shape the company as an early employee and create the future of manufacturing with the best team on the planet!

What You'll Do

The ideal candidate will be passionate about creating world-class control systems and have a solid understanding of automation standards and programming languages:

- Design, develop, and implement control systems for robotic grinding cells, ensuring optimal performance and reliability.
- Program PLCs and other control devices using IEC 61131-3 programming languages.
- Ensure all designs comply with UK, EU, and US automation standards and regulations.
- Collaborate with mechanical and software teams to integrate control systems seamlessly.
- Troubleshoot, test, and optimize control systems for performance and reliability.
- Create detailed technical documentation, including system schematics and operational manuals.
- Support the installation and commissioning of robotic grinding systems at customer sites.

Who You Are

- Proficiency in IEC 61131-3 programming languages (e.g., Ladder Diagram, Structured Text, Function Block Diagram).
- In-depth knowledge of UK, EU, and US automation standards and regulations.
- Experience with industrial control hardware (e.g., PLCs, HMIs, sensors, actuators).
- Strong understanding of safety standards for industrial automation.
- Proven track record in designing and implementing control systems in an industrial setting.
- Excellent problem-solving skills and attention to detail.
- Strong communication skills and the ability to work collaboratively in a multidisciplinary team
- + Previous experience with industrial robotics integration.
- + Previous experience with Beckhoff TwinCat environment.

Why You'll Love It Here

- Headquarters in Sheffield, a hidden gem in the centre of the UK: World class rock climbing, mountain/road biking, trail running, hiking, kayaking, boutique coffee roasters, award winning craft beer and a lower cost of living
- As a startup, your work will have an immediate and direct impact
- We adapt quickly to changing customer priorities and market forces, meaning you will see a wide variety of tasks and challenges from one day to the next
- 28 days holiday including bank holidays, Christmas shutdown every year
- Opportunity for international travel
- Generous share options available

To apply, email jobs@rivelinrobotics.com