

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, strenuous, or unpleasant to do by hand. Skilled metalworking and machining are vital crafts for manufacturing the everyday items we rely on. As job preferences move away from manual labor, we aim to accelerate the transition toward safer, cleaner digital manufacturing powered by software, mechatronics, and AI.

We're looking for resourceful, collaborative optimists who view challenges as opportunities. Joining Rivelin early means you'll have a significant role in shaping the future of manufacturing alongside an innovative, growth-oriented team.

What You'll Do

You will be responsible for the mechanical and electrical design, integration, and optimisation of our advanced robotic systems and enclosures:

- Design & develop mechanical/electrical systems, incl. robotic tooling, enclosures & control panels.
- Create detailed CAD models and schematics, ideally using Fusion 360, ensuring designs are optimized for manufacturing processes like CNC milling, turning, and sheet metal fabrication.
- Lead electrical panel design, wiring & integration ensuring compliance with standards/ regulations.
- Collaborate with automation engineers to seamlessly integrate PLC-based control systems.
- Oversee the prototyping, validation, and in-house testing of systems to ensure reliability & performance.
- Continually optimise designs for manufacturability, quality, safety, and cost-effectiveness.

Who You Are

- You hold a degree/equivalent apprenticeship in Mechanical, Electrical, Mechatronics, or Automation
- Proven experience in mechanical/electrical, ideally within robotics/automation/industrial machinery.
- Proficient with CAD software, preferably Fusion 360.
- Experience with electrical panel building, wiring schematics, and integration.
- Strong understanding of manufacturing processes (CNC milling, turning, sheet metal fabrication).
- + Familiarity with automation control systems, PLC programming (IEC 61131-3), and Beckhoff TwinCAT.
- + Excellent attention to detail, problem-solving skills, and a commitment to high-quality solutions.

Why You'll Love It Here

- Headquarters in Sheffield: World-class climbing, mountain biking, trail running, kayaking, boutique coffee roasters, award-winning craft beer, and a lower cost of living. On-site gym.
- Direct, immediate impact in a dynamic startup environment.
- Diverse, varied tasks adapting quickly to customer priorities and market demands.
- 31 days holiday including bank holidays, annual Christmas shutdown.
- Opportunity for international travel.
- Generous share options available.

To apply, email jobs@rivelinrobotics.com