

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.
- Design, wire & integrate electrical panels, ensuring compliance with standards/ regulations.
- Collaborate with automation engineers to seamlessly integrate PLC-based control systems.
- Prototype, validate, and test of systems to ensure reliability & performance.
- Continually optimise designs for manufacturability, quality, safety, and cost-effectiveness.

## Who You Are

- You hold or are pursuing a degree/equivalent apprenticeship in Mechanical, Electrical, Mechatronics, or Automation
- Experience in mechanical/electrical, ideally within robotics/automation/industrial machinery.
- Experience with CAD software, preferably Fusion 360.
- Experience with electrical panel building, wiring schematics, and integration.
- 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.*

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## 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

To apply, email [jobs@rivelinrobotics.com](mailto:jobs@rivelinrobotics.com)