

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

As a Mechanical engineer, you will lead internal and customer projects and take ownership of our hardware design:

- Work closely with customers to define requirements and present results
- Design and develop end-of-arm tooling and robotic grinding systems tailored to customer-specific applications using Rivelin's NetShape software.
- Collaborate with cross-functional teams to deliver innovative customer application projects.
- Create detailed CAD designs (preferably using Fusion 360) that align with design for manufacture principles.
- Oversee the manufacturing process, including CNC milling, turning, and sheet metal fabrication, to ensure design specifications are met.
- Optimize designs for manufacturability and cost-effectiveness while maintaining high-quality standards.
- Become an expert user of NetShape, our flagship robot teaching, planning and control platform
- Lead internal and customer-led projects

Who You Are

- You have a degree in Mechanical, Automotive, Aerospace or electrical engineering
- Proficiency in CAD software (preferably Fusion 360).
- Strong understanding of manufacturing processes, including CNC milling, turning, and sheet metal fabrication.
- Expertise in design for manufacture (DFM) principles.
- Excellent problem-solving skills and attention to detail.
- + Previous experience as an applications engineer or robotics integrator desirable

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- + Experience with IEC 61131-3 PLC programming languages and particularly use of Beckhoff TwinCat environment.
 - + Background in additive manufacturing or casting

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