Based in Newark, Nottinghamshire, **Cursor Controls Limited** is one of the world's leading manufacturers of Human Machine Interfaces, providing innovative and tailored control panels, Trackballs, Touch Pads and Keyboard solutions, to blue chip companies.

To support our sustained growth, Cursor Controls is looking to recruit a **Senior Software Engineer** to join our market leading team.

The ideal candidate will be conscientious, innovative and have a desire to become an expert in this field.

Responsible to the Head of Electronics Engineering, the successful applicant will be accountable for:

Responsibilities:
- Responsible for the design, build, and maintenance of efficient, reusable, and reliable embedded software/firmware for Human Machine Interface systems e.g. control panels, keyboards, trackballs, touchpads.
- Responsible for implementing software applications for product testing, verification and in-field support, and customer user interfaces.
- Work with the engineering team to develop and prototype new products and to improve existing platforms.
- Delivering production standard embedded / user interface software in accordance with best practice.
- Ability to work independently and complete projects with minimal supervision.
- Defining and organizing projects on an ongoing basis.
- Identifying and handling technical risks and issues.
- Reporting on project statuses and developments to senior team members.
- Participating in project meetings with management and other team members.

Job Requirements:
- Bachelors' or Masters' Degree in Computer Engineering/Computer Science or Electrical/Electronic Engineering.
- A minimum of 5 years of experience as a C or C# developer in an electronics product company.
- Proficiency in embedded-C and C#.
- Experience with Microsoft Visual Studio.
- Knowledge of other coding-languages (PHP, C++, Java, etc) is desirable.
- Proficient understanding of code versioning processes and tools (e.g. Git).
- A strong understanding of modern programming architectures and interfaces.
- Familiar with protocols such SPI, I2C, I2S, UART, USB, CAN, Ethernet.
- Implementing automated testing platforms and unit tests.
- Experience of task and issue management using Jira or similar management tools.
- Working knowledge of software development flow including IDE/toolchains, testing, versioning, and release management.
- Hands-on experience in development of software and/or firmware provided to customers and/or in a production environment.
- Proficient use of Microsoft Office tools Excel, Word, PowerPoint, and Outlook.
- Program management and analytical skills, and the ability to organise information for internal and external consumption.

The candidate must show initiative, have good communication skills and a flexible professional approach.

This is a full-time position offering a competitive salary and company benefits package with good career progression potential for the right candidate.

To apply for the position please forward your CV, detailing previous experience and salary expectations to:

Jason Roberts
Cursor Controls Limited
Conroi House
Brunel Drive
Newark on Trent
NG24 2EG
Email: jasonr@cursorcontrols.com