

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 **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 design, build, and maintain efficient, reusable, and reliable embedded C and C# code for Human Machine Interface systems (E.g. control panels, keyboards, trackballs touchpads)
- Responsible for designing / implementing support applications for product testing, verification and in field support.
- Work with the 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.

#### Skills

- Proficient in C# / C
- Experience with the .NET framework and SQL
- Experience with Microsoft Visual Studio
- Proficient understanding of code versioning tools (e.g Git, SVN)
- Some experience with RTOS or similar embedded/deterministic OS
- Microcontroller programming, architecture and interfaces
- Familiar with Interfaces such SPI, I2C, I2S, UART, USB, CAN, Ethernet
- Implementing automated testing platforms and unit tests

#### C# Developer Requirements:

- A bachelor's degree in computer programming, computer science, or information technology (or equivalent)
- C#, .NET 3.5 (or higher), and Microsoft Visual Studio certification and experience.
- A minimum of 5 years of experience as a C / C# programmer or developer.

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:

Nathan Selby  
Director of Engineering  
Cursor Controls Limited  
Conroi House  
Brunel Drive  
Newark on Trent  
NG24 2EG

Email: [NathanS@cursorcontrols.com](mailto:NathanS@cursorcontrols.com)