**Role**:                (Junior) Linux OS Developer
**Reports to:**       Software Manager
**Start Date:**       Immediate

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**Hanover Displays Limited** is a worldwide, leading manufacturer of passenger information systems for the public transport industry.  All design and development, and the majority of production, is carried out at our head office in Lewes, East Sussex.

We are proud to have a friendly open environment in our R&D department and are looking for talented professional individuals to join us at an exciting time of growth and technological & organisational change.

We are looking to recruit for the role of: **(Junior) Linux OS Developer**

### Brief summary

You will be mainly working within a small team developing new features for our products, as well as assisting in the maintenance and support of current software. You are likely to be working on several projects at any one time, with lifetimes of a few days to a few months. You will be working on aspects of a project ranging from specifying requirements, through design and implementation, prior to independent testing and release.

You will report to the Software Manager of the R&D Department and/or a designated intermediary. You are likely to work with Sales, Technical Support and Production staff as well as other members of the R&D team. Occasional customer site visits, including overseas, are possible.

### Key Responsibilities

- To provide and maintain Linux Kernel support for our existing and future products in our console and On-Board Computer ranges
- To assist in developing a variety of ancillary embedded projects within the Production and Test Departments of the company
- To produce documentation as required for future reference
- To work productively with other Hanover staff in the mutual achievement of Company goals
- To advise his or her manager of any improvements, conflicts of interest or inefficiencies pertaining to development activities

### Background and skills

### Essential

- Team player with a pro-active and flexible approach to problem solving
- Interfacing to Linux Kernel for Embedded Systems
- Experience with ARM processors
- Experience with debugging from the application level down to the hardware level
- Modern C language skills appropriate to Kernel development
- Experience in programming at least one scripting language: bash, Python, Lua

**PASSENGER INFORMATION SYSTEMS**

- Knowledge and use of serial communication standards and protocols

### *Desirable*

- Exposure to version control and other modern SW development practices: git, build servers, Continuous Integration, etc.
- Interest in working with embedded electronics hardware
- Application development under Linux
- x86 processor experience
- C++
- General Linux admin and network skills
- Experience in working within an ISO9001 Quality system

### *Other Information*

A competitive salary package is available, including contributory pension scheme, private medical insurance, travel insurance, discretionary bonus scheme (after a qualifying period), and 22 days holiday per annum.

### *Contact Information:*

Email us with your CV including details of your qualifications, experience and availability at gtomlin@hanoverdisplays.com.