

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 this exciting time of growth and technological change.

We are looking to recruit for the role of: **Embedded Software Engineer**

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.

Background and skills

Essential

- Degree in Computer Science and/or electronics related subject
- 2+ years in an embedded systems environment
- Strong skills in design & development using either/both of the C and C++ programming languages. Where appropriate, a good appreciation of the similarities and differences between the two.
- Demonstrably conversant with using modern SW design and development practices – Design Patterns, version control, unit testing etc.
- Knowledge and use of serial communication standards and protocols
- Good experience in developing under at least one RTOS
- Demonstrable aptitude for self-management through the development lifecycle
- Experience in working with small teams to turnaround small projects in fast timescales
- Able to deliver quality work without supervision, but comfortable working in a team
- Experience in guiding and developing others at a more junior level
- Ability to work across the levels of Sales, Development, Manufacturing etc.
- Experience in working within an ISO90001 Quality system and contributing to its development

Desirable

- Experience with ARM processors, preferably under Keil μ Vision IDE. Experience with Hardware-based debugging facilities – JTAG etc.
- Application development under Linux
- Experience of assembly language for at least one CPU
- Understanding of sockets-based Network programming

- Experience in programming at least one scripting language: Lua, Python, bash
- Hardware interfacing experience

Key Responsibilities

- To assist in developing new software and firmware products to fulfil the company's development plan
- To ensure that agreed quality, cost and time milestones are met
- To produce documentation as required for peer group review and future reference, in fulfilment of our Quality standards
- 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

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 details of your qualifications, experience and availability at gtomlin@hanoverdisplays.com.