



Job title: Software Engineer

Location: Saffron Walden

Department: Switchers

Reports to: Technical Director, Switchers

Main purpose of job

The Snell Switcher group is responsible for the development of market leading broadcast video format Switcher products, enabling high end live video mixing, Digital Video Effects, colour correction and format conversion, to name but a few.

The Switcher product range is used at the heart of many broadcast applications including Studios, Outside Broadcast trucks, News Rooms as well as other applications such as live events, sporting venues, marketing presentations and conferences.

As a member of the Switcher Group, this role involves design and development of embedded software primarily for Switcher products in the broadcast environment. This will include responsibility for software development, from technical specification through to product release, with delivery of high quality end product a key aim.

A strong technical background is necessary, combined with a flexible and open minded approach to problem solving, to provide solutions for our customers.

The role will work closely with the Product Manager and Engineering Team Leader to ensure that product meets the customers' needs.

Main functions & responsibilities

- Working with Product Manager and Engineering Team Leader to assist in defining technical Specifications
- Software architecture and design
- Fault finding and rectification as necessary to meet product quality requirements
- Maintaining appropriate documentation of software specifications and designs
- Design and coding according to company standards whilst maintaining good software development practice and in-line with the product process
- Provision of time-scale estimates for designs and committing to keep to them
- Working with other engineers as part of a team and fostering positive team spirit
- Close liaison with product management and verification to assist in the understanding of issues and to provide prompt attention to identified problems



Qualifications/Knowledge/Skills/Experience

- Degree in Software Engineering, Computer Science, Electronics or a related discipline
- Commercial development of application software with a robust background of software analysis and design. Consequently needs to be conversant with current design technologies and practices.
- Specification of Architectures, APIs and Protocols
- Real Time Application Software development using C programming Language
- Software development using Java, .NET, Visual Studio Object oriented design Methodologies
- Self-motivated and keen to succeed
- Good interpersonal and communication skills
- Ability to make decisions - Must demonstrate ability to exercise independent judgement, initiative and tact in both internal and external relationships
- Confidentiality/trust
- Organisational and project management skills which demonstrate aptitude for problem solving
- Ability to work unsupervised and as a team player
- Accurate and attentive to detail

Contacts

Internal

- Daily contact with other members of the team
- Regular contact with Product Management, Technical Sales and Development Support Engineers

External

- Some contact with third-party development partners and customers

Additional Information

- N/A

Performance Standards

- Achieve mutually agreed objectives, standards and dates.

To apply please forward your CV, covering note and salary details to Mujgan.Trowbridge@snellgroup.com