

Job Title: Engineer – Software C++

Based: Newbury

Report to: Engineering Manager

About SAM

SAM is a new company with a unique mix of experience and energy.

We have the vision to deliver business-transforming solutions across the media production ecosystem. Our future-ready systems enable broadcasters, content owners and service providers to evolve their business models to succeed in the consumer-driven era.

We understand that it's not only about the future – to get there, today's needs are also paramount. Our smart, agile technology maximizes efficiency and productivity in today's rapidly changing media landscape.

SAM offers a comprehensive range of products right across the media production chain. Individually, each offers unique, class-leading capabilities.

Role Objective

SAM is a world leader in enabling broadcasters, media organisations and post production facilities to create, process, manage and deliver their valuable media content. The SAM product range encompasses the whole production chain across Live TV, News, Sports, Post and TV Everywhere. We are a truly international company with systems installed at facilities and post house worldwide.

You will be designing and developing software solutions in order to add features to SAMs range of editing , effects and workflow products

Duties and Responsibilities

The position will require you to discuss and agree design and development strategies with senior technical leads within the department.

- To comply with relevant standards (coding, testing and quality).
- To undertake any projects assigned to you from time to time by your manager.
- Keep abreast of technical developments.
- To contribute to associated product documentation.
- Carry out any other duties which the Management considers to be within your capabilities and experience that may be necessary to ensure the efficient operation of the department.
- Occasions may arise when assistance is required in other areas of the Company, and employees are requested to undertake other duties according to their capabilities when necessary.
- Ensure that you have read, understood and adhere to the Health and Safety procedures (07173) and accomplish the tasks required using any safety equipment provided and in accordance with the Company Health and Safety rules and procedures.

Technical Skills

Essential

- Expert in C++
- Object-orientated – UML
- Cross platforms
- Test driven design
- Design patterns and / or Object-Oriented design skills
- Layered Software Architecture
- Script Languages e.g. Python
- Visual Studio IDE
- Experience on Windows Platform
- Clearcase / Git (or similar SCM system)

Desirable

- Media Industry – Video / Film / Broadcast
- AAF
- MXF
- Common Media container formats (Quicktime, AVI)
- Common Essence Format (MPEG -1, MPEG- 2, MPEG-4, H264)
- Knowledge of Continuous Integration practices.
- Knowledge of contemporary project management techniques (Lean, Agile, Kanban)
- GPUs (CUDA / OpenCL / DirectX)
- Experience with video / audio APIs
- Familiarity with contemporary open source technologies

Person Spec

- The successful candidate will have good communication skills, be flexible and self motivated whilst working well in a team.
- You should possess either a good computer science degree, or a good maths science or engineering degree with a computing element
- Experience of shipping products to customers, and maintaining versions in the field using a revision control system
- Capable of independent working.
- Good communicator (written and verbal).
- Problem solving skills
- Ability to travel to other UK and International sites

Benefits for working for us

- 37.5 hours per week
- 33 days annual leave (including bank/public holidays)
- Company pension scheme
- Company Private Medical
- Company Life Assurance
- On site canteen
- Free on-site parking
- Career progression, long term prospect with a strong company