BitFire
STUDIOS

Phoenix 2840 E Mohawk Lane
602-806-9900 Phoenix, AZ 85050

Boston 1 Kane Industrial Drive
617-231-9900 Hudson, MA 01749

Specialist, Virtual Production

Location: Phoenix, Arizona
Discipline: Production Studios and Technology

About Us

Optimizing content quality without compromising efficiency across all types of projects presents significant challenges, but that's what the Studio Technologies team member does by setting technical requirements and best practices, driving new industry standards, consulting on the studio's technical infrastructure, providing direct support to Bitfire productions and staying up to date with the most advanced developments in professional and consumer technology.

Our specialists are subject matter experts who offer varied yet overlapping backgrounds in XR production, post-production, and distribution - editorial, color correction, image capture, encoding, compression, storage, video and audio. Every day, we collaborate with our clients and production crews as well as our internal production, post-production, distribution, marketing, facilities, and development teams.

About You

You are proficient in the technical practices and tools that support plate capture, camera tracking & live compositing, and In-Camera VFX (LED/Projection), as well as the real-time pipelines that integrate on-set, aka "virtual production techniques". You understand current workflows, techniques, stagecraft, and tools, and how they're developing as technical and creative demands evolve. You have experience working with directors, cinematographers, stage managers, VFX supervisors, developers, supporting them in their exploration of these techniques and the execution of shots and sequences.

Duties

As part of the Production Studios and Technology group, you will:

- Consult directly with client and in house productions in technical planning and execution of content leveraging virtual production techniques. This includes providing input on component selection and configuration and liaising with various providers.
- Assess and triage production challenges, escalating issues where appropriate to domain experts.
- Participate in documentation, tutorials, and other support resources to facilitate the education of technical creative partners and vendors about our requirements, best practices, and initiatives.
- Provide on-set troubleshooting and execution support of virtual production techniques.
- Observe and research emerging technologies and techniques for their applicability to our productions.
- Provide technical guidance to develop the best practices and standards that will guide virtual production for Bitfire, clients.

What success looks like:

- Introduce the virtual production toolset and related techniques to creative technicians unfamiliar with these new methodologies and drive adoption.
- Comfort with and successful execution of virtual production techniques by and in partnership with our creative partners and clients.
- Improved quality and reliability of virtual production service offerings.

Qualifications:

- Experience in the virtual production domain.
- Additional experience in the VFX domain.
- Experience with the production set environment; experience deploying virtual production workflows and environments a plus.
- Knowledge of and relationships with technology solutions, equipment, and service vendors in the domain.
- The communication skills with our clients to clearly articulate and document technical concepts and explain how they impact the creative process.
- A passion for the moving image, synthetically generated or not.
- Strong knowledge of workflows and craft, including asset creation, photogrammetry and environment capture, VR, real-time rendering.
- Compulsive curiosity.