

Role Summary

We are the Foster + Partners Visualisation and Film team, specialising in film, animation, real-time, motion design, still images and digital content creation. As a multidisciplinary global architectural practice, our projects go beyond the built environment, from visualising habitats in space to transportation systems and industrial designs of the future.

We are seeking a Pipeline TD for our expanding team. The role is open to those with equivalent industry experience and an interest in the built environment. As part of the Visualisation team, you will join a highly creative group of experienced CG artists.

Role Definition

Job Title: Senior Visualisation Artist (Pipeline TD)
Reporting To: Senior Visualisation Artists on a day-to-day basis and ultimately the Head of Visualisation

Responsibilities

- Collaborate with sub-team heads to design and implement a roadmap for building a VFX pipeline from the ground up.
- Integrate off-the-shelf solutions for shot and farm management, while also developing custom tools to create a tailored setup.
- Develop innovative tools to automate processes and streamline workflow across the pipeline.
- Identify production bottlenecks, troubleshoot issues, and provide support to artists to ensure content is created quickly and efficiently.
- Gain a deep understanding of the needs and workflows of different sub-teams to support their specific requirements.
- Maintain and document Visualisation standards, including workflows, animation libraries, and final image archiving.
- Provide training and ongoing support to artists using pipeline tools.
- Work closely with the in-house IT team to align all pipeline development efforts.
- Stay informed on emerging industry trends to ensure workflows remain scalable and future-proof.
- Collaborate with architects and specialist teams across the practice while handling sensitive and confidential information with discretion.
- Contribute, or otherwise assist, as required.
- Equity, diversity & inclusion (EDI) is a core priority. To support and champion the embedding of this focus as a collective workforce responsibility, EDI should be integrated, where relevant, into all workstreams.
- Thorough knowledge of and compliance with F+P procedures and standards.

Qualities and Skills Required

- Able to demonstrate ability to undertake the above responsibilities.
- Legally able to work in the country in which the position is based.
- Typically possesses around four years' experience as a Pipeline TD within Visual Effects studios or related industries.
- Proven skill in analysing production workflows and resolving complex challenges.
- Thorough knowledge of production pipelines, processes, and tools widely applied in Animation and VFX.
- Advanced expertise and professional experience with Python.
- Skilled in developing tools for DCC applications such as 3DS Max, C4D, Houdini, Unreal, and Nuke.

- Strong aptitude for troubleshooting and debugging.
- Experienced with build pipelines and source control systems.
- Familiar with data and scene description formats including USD.
- Knowledgeable in rendering tools such as Vray, Corona, Arnold, Octane.
- Competent in diagnosing networking and performance issues arising in automated workflows.
- Able to manage sensitive and sometimes confidential information.
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- Self-motivated and able to take responsibility.
- Able to demonstrate initiative and a proactive approach to daily tasks.
- Good interpersonal skills and able to work independently and as part of an effective team.
- Flexible attitude.
- Able to build good relationships at all levels, internally and externally.
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure.
- Able to work as part of an effective team assisting and supporting team members.

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the postholder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the postholder.