

Digital Domain JOB DESCRIPTION	
<b>Job Title:</b> Pipeline TD	<b>Department:</b> Technical Directors
<b>Reports to:</b> Sr Pipeline Supervisor	<b>Status:</b> Full-Time
<b>Purpose of the job:</b>  Pipeline Technical Directors are responsible for improving the overall efficiency of the facility-wide production pipeline. They design, implement, and manage tools that assist the digital artists with their daily use of both third party and in-house software and systems. These tools are intended to make the computer graphics production as efficient and productive as possible. Pipeline TDs work with peers and supervisors to craft novel tools, techniques, and procedures to aid the execution of the current project and advance the capabilities of the facility. The role requires strong technical and communication skills, as well as a firm understanding of software design, graphics, and production work	
<b>Essential Functions/Responsibilities:</b> <ul style="list-style-type: none"> <li>• Work with other TDs and artists to help design and create tools to be integrated into Digital Domain's existing pipeline. These tools will be created using a combination of custom and commercial Python and C++ APIs, including those applicable to Nuke, Maya and Houdini, depending upon the emphasis of the specific role.</li> <li>• Work with department representatives to augment their work flows and tool sets to achieve specific goals of the project</li> <li>• Work with artists to troubleshoot and fix problems</li> <li>• Craft and update documentation for tools, techniques and work flows generated by the Technical Director</li> </ul>	
<b>Qualifications:</b> <b>Education and/or Experience Required:</b> <ul style="list-style-type: none"> <li>• 3+ years experience as a Technical Director</li> <li>• Degree in Computer Science, Engineering, Mathematics or equivalent work experience</li> <li>• Practical knowledge of Python strongly desired, knowledge of PyQt a plus</li> <li>• Working experience with one or more professional graphics packages, including Maya, Houdini and Nuke</li> <li>• Proficiency in one or more professional graphics package C++/Python APIs, including the Maya</li> <li>• SDK, HDK, Nuke SDK, Mental Ray SDK, and Prman SDK preferred</li> <li>• Proficiency in applicable domain specific programming language(s) including Mel, Hscript, RSL, MetaSL</li> </ul>	
<b>Working Conditions and Environment/Physical Demands:</b> <ul style="list-style-type: none"> <li>• Office working environment</li> <li>• Hours for this position are based on normal working hours but will require extra hours pending production needs</li> <li>• Walking/bending/sitting</li> </ul>	

*The above statements are intended to describe the general nature and level of the work being performed by people assigned to this work. This is not an exhaustive list of all duties and responsibilities associated with it. Digital Domain management reserves the right to amend and change responsibilities to meet business and organizational needs.*