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# Python Developer

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With a focus on the use of Python, provide technological support and development for CGI development projects.

Assist the team in the development of innovative solutions as part of the overall CGI studio growth

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## Role Responsibilities

- Provide artistic technological support and scripting to members of the CGI studio. This includes plug-ins, scripts as well as other third party technologies using Python and other programming languages
- Take ownership and maintain any software, scripts developed and their corresponding source code repositories and documentation/wiki, providing training to Artists where necessary
- Keep up to date on new research and industry developments, actively looking to maintain knowledge and develop our use of Python
- Proactively seek to understand how CGI Artists produce stills and animations to keep up to date on their needs and future development requirements, and to enhance and make our resource more efficient
- Consistently share knowledge at team meetings and share work you have created to participate in collective learning within the team environment and gain valuable feedback
- Proactively develop your own technical skills and understanding, to contribute towards the overall efficiency and innovation of the CGI Studio
- Always work within the IT and CGI Systems procedures for development, adhering to ISO standards
- Ensure any documentation, operation manuals, policies, wiki knowledge base is kept up to date for future reference and benefit of the team

## All Staff Responsibilities

- Carry out any reasonable duties as identified by your Line Manager or Team Leader
- Positively represent Burrows to our customers and suppliers
- Ensure compliance with all contractual employment obligations
- Ensure compliance with our ISO standards
- Fully participate in the company's performance management and development programmes
- Maximise own ability to produce quality work, on time, and to brief, utilising best skills and available technology
- Work in accordance with the company's Human Resources policies and procedures
- Ensure compliance with health and safety requirements

# Your Qualities as a Candidate

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You're an excellent coder, who consistently demonstrates a high quality of technical understanding and enthusiasm for innovation.

You have a constant desire to improve your abilities and you have a can-do approach to problem solving. You're able to prioritise workload and you're a good lateral thinker.

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## Essential Skills & Knowledge

### About you:

- Energy and enthusiasm to progress and contribute towards the overall efficiency and quality of the Studio
- A troubleshooter and problem solver
- Team orientated, able to work as part of a team as well as autonomously
- Driven individual with a passion for quality code and continual improvement in the field
- Able to manage own workloads and deliver on time to the required standard
- Keen eye for detail and able to work within structured pipelines
- Excellent verbal and written communication skills
- Flexible approach to working in a busy agency with a deadline driven environment
- Customer focused, committed to providing a quality service for internal teams
- Strong desire and proactive approach to learn and apply new knowledge and techniques
- Able to work overtime as and when required, sometimes at short notice
- Genuine interest in 3D, web development, internet and mobile technologies

### Your experience and knowledge:

- Experience in a role focussing on the use of scripting languages; particularly cmd line and Python
- Able to demonstrate a pragmatic approach to solving complex programming/production issues
- Able to demonstrate up to date knowledge of industry standard programming techniques
- Strong experience and knowledge of how to approach and resolve problems with software, demonstrating solution-focussed troubleshooting which appreciates the commercial environment
- Able to demonstrate working in a team environment to achieve goals
- Strong experience solving and resolving technical issues for others

### Your Qualifications:

- Undergraduate/Postgraduate degree or diploma in Computing Science, or related 2D/3D discipline
- Confident with MS Office suite

## Advantageous Non-Essential Experience

- Understanding of MAX Script and 3D tool development
- Experience of CGI shotgun/pipeline development
- Experience of other software scripting languages – , MEL Script, TCL, vb Script, JavaScript
- Experience of deadline render farm management software
- Understanding of a CG/Animation/Games pipeline
- Experience in the digital content creation industry