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# CGI Technical Director

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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 advanced 3D software scripting support for the CGI Studio. This includes 2D/3D software, plug-ins, scripts as well as other third party technologies using multiple 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, and maintain knowledge in relevant fields and contribute regularly to the CGI Studio collective learning within the team environment
- Always work within the IT/systems procedures for development, adhering to our ISO procedures
- Ensure documentation, operation manuals, policies, wiki knowledge base is kept up to date
- Proactively seek to understand how to produce stills and animations to keep up to date on the artists needs and future development requirements and to enhance and make our resource more efficient

## 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:

- Team oriented, driven individual
- Strong desire and ability to learn and apply new knowledge and techniques
- Genuine interest in 3D, web development / internet + mobile technologies
- Strong planning and organisational skills
- Strong ability to prioritise tasks, 'think ahead' and manage time effectively
- Analytical thinker, excellent research skills
- Calm approach under pressure
- Problem solver, and solution-focussed approach
- A keen eye for detail
- Flexible and able to adapt to changing conditions
- Excellent interpersonal skills
- Able to work overtime as required, sometimes at short notice

### Your experience and knowledge:

- Troubleshooting 2D,3D, CGI based software
- Scripting Languages; cmd line, Python, 3D software scripting
- Solid understanding of max script and tool development
- Pragmatic approach to solving complex programming/production issues
- Solid understanding of a CG/Animation/Games pipeline

### Your Qualifications:

- IT Literate (including all Microsoft Office packages)
- Undergraduate/Postgraduate degree or diploma in Computing Science, or related 2D/3D discipline
- Minimum standard C in Maths & English GCSE

## Advantageous Non-Essential Experience

- Experience of other scripting languages –MEL Script, TCL, vb Script, JavaScript
- Experience of deadline render farm management software
- Sound understanding of industry standard programming techniques