

**JOB DESCRIPTION  
(Career Kickstarter)**

Designation	Junior Creative Technologist
School/Department	School of Design
Number of Position	1
Duration of Role	6 to 12 months

KEY RESPONSIBILITIES
<p><b>1) <u>Image Generation and Training</u></b></p> <ul style="list-style-type: none"> <li>• Assist in training image-generation AI models using various software.</li> <li>• Help design and implement novel techniques to improve model performance.</li> <li>• Assist in creating production workflows for interactive installations.</li> </ul> <p><b>2) <u>App Development</u></b></p> <ul style="list-style-type: none"> <li>• Assist in developing applications for interactive installations.</li> </ul> <p><b>3) <u>Hardware Maintenance</u></b></p> <ul style="list-style-type: none"> <li>• Maintain and troubleshoot hardware devices used in AI/ML projects, such as GPUs, servers, and network equipment.</li> <li>• Ensure that all hardware is properly calibrated and configured.</li> </ul> <p><b>4) <u>Workshop Facilitation</u></b></p> <ul style="list-style-type: none"> <li>• Plan and conduct workshops on topics related to tech trends for internal teams or external participants.</li> <li>• Develop workshop materials, including presentations, hands-on exercises, and documentation.</li> <li>• Facilitate knowledge-sharing sessions to upskill colleagues on emerging tools and techniques.</li> <li>• Gather participant feedback and iterate on workshop content to improve learning outcomes.</li> </ul> <p><b>5) <u>Technology Research &amp; Newsletter</u></b></p> <ul style="list-style-type: none"> <li>• Actively research current and emerging technology trends relevant to design, including AI/ML, generative tools, creative coding, and interactive media.</li> <li>• Synthesise research findings into accessible insights for educators and students within the School of Design.</li> <li>• Produce and maintain a bi-semester newsletter that highlights key technology trends, tools, and innovations relevant to the design curriculum.</li> <li>• Curate and edit newsletter content, ensuring accuracy, relevance, and alignment with the school's pedagogical direction.</li> </ul>

## PREREQUISITES

- Qualification in Communication Design or related field.
- Familiarity with Adobe CC, Unity, Touchdesigner, ComfyUI
- Basic knowledge of Generative AI (LLM and Image generation), Python, NodeJS, React, Stable Diffusion and 3D Modelling (Maya, Blender, Cinema4D), Vibecoding (Claude)
- Strong problem-solving skills and ability to learn quickly.