

Lucas Brown

Technical Director

Contact

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Skills

Technical Planning

Python

Blender

Maya

3ds Max

CGI Automation

As an experienced CG Technical Director, I offer extensive knowledge in Python development, pipeline design, automation, and technical art. I've become adept at communicating effectively with artists, engineers, business operations, and clients to drive projects to success.

Work History

2022-06 -
Today

3D Technical Director

TurboSquid by Shutterstock (Remote)

- Manage and provide leadership for a technical art team, fostering seamless integration across multiple products.
- Oversee and delegate tasks related to TurboSquid automation processes, working with a team of engineers to ensure efficient operations across multiple DCCs.
- Research and create proof of concept implementations for cutting edge technology.

2021-03 -
2022-06

Pipeline TD

SGS & Co. - Thr3d CGI, Detroit MI (Remote)

- Directly supporting art and production staff.
- Develop and maintain a large library of Shotgrid apps.
- Designed and deployed scalable Shotgrid automation systems. Utilizing event daemons, webhooks, and AWS.
- Deadline farm wrangling, optimization, and debugging.
- Upgrading legacy Python 2 tools to Python 3.

2019-09 -
2020-12

Pipeline TD

Sunrise Productions, Cape Town

- Lead full stack Python developer on "NXT" ([Node Execution Tree](#)). A visual, node base, layered, code compositing application.
- Pipeline backend development. CLI tools for asset creation
- Pixar USD research and integration

2017-11 -
2019-05

Character Rigger

Pretty Simple Games, Paris, France

- I developed rigs for characters, props, and vehicles to be used in a mobile game.
- On the animation side I developed tools for motion capture retargeting as well as easy QTE (Quick time event) creation and editing inside Maya.

Education

2013-01 -
2017-05

Bachelor of Science: Effects Animation

Southern Adventist University - Collegedale, TN

- Awarded "Excellence in Character Technical Direction"