



MARK GROSS

muddwallprod14@gmail.com | +12018877196 | Pipeline Engineer | QA Automation | Technical Artist

WORK EXPERIENCE

Media Operations Engineer | The Picture Production Company - Beverly Hills, CA 02/2024 - CURRENT

- Developed and maintained automation tools using Python, JSON, and APIs to optimize post-production QA workflows.
- Wrote internal test scripts for validating asset delivery and media processing pipelines.
- Collaborated directly with artists and technical teams to identify bugs, deploy fixes, and QA-check complex pipeline interactions across Dalet Flex and proprietary systems.
- Led technical onboarding and tool training, streamlining adoption and feedback loops.
- Participated in feature validation, stress testing, and debugging for cross-departmental tool rollouts.

Pipeline and Systems Coordinator | Blur Studios - Los Angeles, CA 05/2022 - 11/2023

- Built Houdini and Unreal Engine tools to support real-time and cinematic pipelines.
- Developed Python-based automation scripts for testing and validating render workflows.
- Coordinated between production and engineering to ensure tools met creative and QA requirements.
- Supported real-time experiences with custom tool QA and in-engine testing.
- Provided hands-on troubleshooting and regression testing during key project phases.

Production Assistant/ Office Coordinator | The Third Floor Inc - Los Angeles, CA 08/2018 - 01/2020

- Assisted pipeline and production teams in daily coordination and workflow troubleshooting.
- Supported delivery of interactive content and custom animation projects.
- Contributed to early-stage testing of technical tools and real-time environments.

EDUCATION

ITHACA COLLEGE, Ithaca, NY 05/2017

Bachelor of Arts: Film, Photography, And Visual Arts

SKILLS

- **Programming:** Python, JavaScript, C#, Node, R
- **Tools:** Unreal Engine, Houdini, Maya, Blender, Docker
- **Cloud & Deployment:** AWS Console, Docker
- **Web Technologies:** WebGL, Three.js, React
- **Version Control & CI/CD:** GitHub, Perforce
- **Project Management:** Jira, Redmine