

Jeff Meckley

Jacksonville, FL | 513-500-2131 | jmeckley68@outlook.com | Authorized to work in the U.S. | Portfolio and professional references available upon request

PROFESSIONAL SUMMARY

Detail-oriented CAD drafter and production designer with 20+ years of experience translating design intent into clear 3D models, shop-ready fabrication packages, and buildable drawing sets for fabricated environments, exhibits, scenic elements, and custom designed components. Strong experience with AutoCAD, AutoCAD 3D workflows, SketchUp, Rhino, and construction-minded detailing; comfortable interpreting architectural and design documents, coordinating with project teams, resolving field and fabrication issues, and supporting projects from concept through production and installation.

RELEVANT QUALIFICATIONS

CAD / 3D Tools	AutoCAD, AutoCAD 3D, SketchUp, Rhino, Fusion 360, ZBrush, Adobe Creative Suite, KeyShot
Drafting Strengths	Shop drawings, production drawings, cut sheets, fabrication packages, 3D model development, drawing revisions, field-measure update support
Project Context	Architectural/interior environments, scenic fabrication, exhibit elements, themed construction, custom built components, furniture concepts
Work Style	Detail-oriented, highly organized, responsive to change, clear communicator, collaborative with project managers, engineers, fabricators, and installation teams

RELEVANT EXPERIENCE

Production Designer | Attractions and Entertainment Solutions - Jacksonville, FL Dec 2022-Present

- Develop CAD and fabrication packages for scenic builds, integrating client input, design intent, and manufacturing constraints into production-ready deliverables.
- Create and revise 3D models, drawing sets, and detail packages used to guide fabrication, assembly, and installation teams.
- Coordinate design details with internal stakeholders to keep projects aligned with practical build requirements and schedule needs.

Independent Contractor - 3D Designer | 60 Grit Studios / 3dx Scenic Ongoing

- Provide AutoCAD-, SketchUp-, and Rhino-based modeling and drafting support for fabricated installations, scenic elements, and custom construction-oriented projects.
- Support revision-heavy work requiring accurate geometry, organized files, clear communication of fabrication intent, and responsiveness to field or project changes.

Technical Designer / Production Designer | Life Formations / A&E Solutions - Madeira, OH Prior role

- Helped develop design packages from sketch through fabrication for commercial, museum, and entertainment projects, supporting both in-house production and remote project teams.

- Produced 3D models and coordinated detail development for custom fabricated elements, translating concept information into buildable production guidance.

Lead Exhibit Artist & Fabrication Manager | Ark Encounter

Prior role

- Managed large-scale scenic installations and budget oversight for a \$500K+ exhibit environment, coordinating design execution with fabrication realities.
- Pioneered digital-to-physical translation for sculptural storytelling and custom built exhibit components across educational spaces.

Fabrication Tech / CAD Specialist | 3dx Scenic / Artistic

Prior role

Contractors

- Supported themed construction projects with CAD and fabrication knowledge, helping optimize workflow and improve production readiness.
- Led implementation of a 3D printing lab in a fabrication environment, strengthening prototype-to-build workflows.

ADDITIONAL EXPERIENCE

Digital Sculptor / 3D Designer | Hasbro Toy Company -

Prior role

Cincinnati, OH / Pawtucket, RI

- Produced accurate 3D models for action figure and toy programs, maintaining design fidelity and manufacturability within production constraints.
- Worked through review cycles and revisions to ensure assets met specification, detail, and tooling requirements.

EDUCATION & CREDENTIALS

- Associate of Science, Industrial Design - Art Institute of Pittsburgh
- Drexel University - Interior Architecture and Design (non-degreed)
- Tekla Structures (Building Information Modeling) - Certified Technician

APPLICATION NOTES

- Portfolio available with professional work samples relevant to fabrication, architectural/interior environments, and production drawing workflows.
- Professional references available upon request.