

Robert Anderson

Technical Director

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🌐 <http://andersonscenic.com>

Summary

A highly accomplished technical leader possessing 15+ years of experience in entertainment and technical design, demonstrated through successful complex project management. Expertise includes 3D modeling software proficiency and a strong foundation in mechanical design, complemented by robust problem-solving skills.

Experience

Entertainment Project Services Mar 2023 - Nov 2025
Mechanical Designer Remote
🌐 <http://epssolves.com>

Mechanical Designer within the entertainment industry, utilizing Autodesk Inventor for detailed 3D modeling, CAD drawings, and simulation. Successfully designed and implemented controls systems for complex mechanics, including sensor integration, actuator selection, and mechanical linkage design. Proven ability to translate creative concepts into functional, robust, and aesthetically-driven solutions.

University of South Alabama Mobile, AL
Assistant Professor

Southern Illinois University, Carbondale 2021-2022
Assistant Professor of Practice Carbondale, IL

Southeast Missouri State University 2019 - 2021
Staff Technical Director Cape Girardeau, MO

Education

Southern Illinois University, Carbondale 2016 - 2019
Theatre Design and Technology Master of Fine Arts - MFA

Minnesota State University, Mankato 2010 - 2014
Theatre Generalist Bachelor of Science - BS

Projects

Universal Horror Unleashed 2024-2025

Icon of the Seas 2023-2024

Utopia of the Seas 2024

Star of the Seas 2025

Skills

Scenic Automation

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AutoDesk Products

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Theatrical Rigging

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Structural and Mechanical Design

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Computer Networking

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Welding

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Aerial Rigging

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Hydraulics/Pneumatics

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Certifications

OSHA 30 Construction Safety and Health
OSHA
April 2024

NYC Site Safety Training
NYC
April 2024

TRUST Certification
Academy of Model Aeronautics
October 2025

Publications

Sunday in the Shop with Rob
SIU Press
May 2019

Bringing Narnia to Life with Wireless Automation
USITT Tech Expo
March 2019

Languages

C++

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