

# 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**



**AutoDesk Products**



**Theatrical Rigging**



**Structural and Mechanical Design**



**Computer Networking**



**Welding**



**Aerial Rigging**



**Hydraulics/Pneumatics**



**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++**

