

Alex Muir

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INTRODUCTION

Currently a senior at the University of Southern California, pursuing a BFA in Technical Direction with a minor in Themed Entertainment. Brings over eight years of experience in theater and live entertainment, with a strong foundation in both creative design and technical execution. Known for quick learning, sharp observation, and an eye for detail. Communicates and collaborates across departments to support cohesive, story-driven environments. Dedicated to creating immersive experiences through thoughtful, well-crafted design and production.

WORK EXPERIENCE

Production Carpenter

May 2025 - Present

Knott's Berry Farm | Buena Park, CA

- Construct large-scale haunted house installations from framing and custom routing molding to artistic distressing and scenic finishes; contribute to high-precision builds both in the scene shop and on-site.
- Interpret technical drawings and adapt plans in real time to meet evolving build conditions; collaborate with a small team to complete complex facades and structural elements under tight deadlines.
- Support diverse carpentry projects across the theme park, including fast-paced event load-ins, while maintaining clean, safe workspaces.
- Consistently recognized by supervisors for craftsmanship, reliability, and strong performance among veteran crew members.

Scenic Designer / Technical Director

2023 - Present

University of Southern California | Los Angeles, CA

- Co-scenic design mainstage productions across multiple venues, including a 550-seat proscenium theater; collaborate with professional and student directors and designers to develop and refine cohesive visual concepts.
- Create technical drawings, renderings, and both physical and digital models to communicate design intent, ensuring sets support the narrative, actor movement, and overall production needs from concept through final performance.
- Technical direct mainstage productions with budgets of approximately \$6,000 each, collaborating with student and professional teams to deliver high-quality, on-time, and on-budget results that align with the creative vision.
- Develop clear construction drawings based on scenic design drafts, lead cross-departmental communication, manage build timelines, and ensure all scenic elements are executed safely, accurately, and accessibly for teams with varying experience levels.

Scene Shop Carpenter

2022 - Present

Technical Theatre Lab at University of Southern California | Los Angeles, CA

- Fabricate theatrical set pieces by interpreting student and professional technical drawings, ensuring accurate and efficient construction.
- Utilize a wide range of tools and techniques—including hand tools, power saws, pneumatics, welding equipment, and rigging hardware.
- Lead and mentor peers with little carpentry experience, providing guidance and hands-on training in fundamental carpentry skills to support a collaborative and skill-building environment.

Rotational Intern at PRG Scenic Technologies

Summer 2024

Production Resource Group | New Windsor, NY

- Rotated through multiple departments including Art, Set Electrics, Carpentry, Steel, Production Management, Technical Design & Engineering, Automation, and CNC Machinery, gaining hands-on experience in each area.
- Shadowed experienced professionals and contributed to small projects for on and off Broadway productions to national tours, offering support in all stages of scenic production.
- Developed technical skills in soldering, MIG and TIG welding, and automation concepts, contributing to the fabrication and construction of set pieces and mechanical systems.

SKILLS

AutoCAD 2D/3D

Vectorworks 2D/3D

Hand Drafting (Scenic/Lighting)

Photoshop

Carpentry

MIG/TIG Welding

Soldering

Model Building

Automation Knowledge

ETC Ion Programming

Hand and Machine Sewing

Basic Scenic Painting

Driver's License, Manual

Budget/Resource Management

Google and Microsoft Office

Attention to Detail

EDUCATION

BFA, Technical Direction with Themed Entertainment Minor

Expected May 2026

University of Southern California | Los Angeles, CA

- President of USITT (United States Institute of Theatre Technology) student chapter for two consecutive years.