

## Education:

University of Cincinnati College - Conservatory of Music (CCM)

Graduated April of 2022 *Magna Cum Laude* with a BFA in Technical Direction

## Licenses and Certifications:

- Driver's License
- OSHA 10- General Industry
- Forklift Certified Operator
- US Passport
- Fall Protection Authorized Person
- Single Man Lift Certified Operator
- Fully Vaccinated for COVID-19
- Scissor Lift Certified Operator
- First Aid/CPR/AED Trained

## Skills:

- Carpentry
- Load Testing
- Wiring and Schematic Drawing
- AutoCAD 2D + 3D
- TAIT Navigator and IQ
- Stage Technologies eChameleon
- Static Structure Load Calculations
- 3D Printing and Modeling
- Welding (MIG)
- Automation System Inspections
- Fusion 360
- PLC Programming with Allen-Bradley (Rockwell) RSLogix 500
- Pneumatics Plumbing and System Design
- Programming with Arduino
- Microsoft Office Suite
- Rigging
- Electrical Control Theory
- Adobe Creative Cloud
- Creative Conners Spikemark
- CNC Operations with vCarve
- Soldering
- Basic Networking
- Furniture Design and Fabrication

## Work Experience:

Rotational Automation Technician, Cirque du Soleil

March 2022-Present

- Completed major gear replacement and various automation improvements for shows in Cirque's Las Vegas residential show division.
- Performed preventive and reactive maintenance of over 120 axis at *Michael Jackson One*.
- Ran the automation console for artist trainings.

## **Freelance 3D Printing and Modeling**

August 2015-Present

- 3D printing and modeling: Hamilton, US Navy, various doctors, inventors, hobbyists.

## **Level 1 Entertainment Tech (Automation and Carpentry), Busch Gardens**

May 2021 - August 2021

- Designed and built an automation system for *Cirque Electric*.
- Completed various carpentry tasks to prepare for *Howl-O-Scream*.

## **Shop Assistant, CCM**

August 2019- May 2020

- Maintained tools in the CCM Scene Shop.
- Maintained CCM's four theater spaces.
- Lead freshmen in the shop in building 10 shows a year.
- Assisted in the load-in and strike of every show.

## **Overhire Carpenter, Welder, and Automation Tech, Round House Theatre**

December 2019 - January 2020

- Performed carpentry, welding, and automation tech in the scene shop for *Spring Awakening*.

## **Fabricator and On-Site Liaison, Pink Monkey Solutions**

May 2019- August 2019

- Fabricated scenic pieces for events doing carpentry, painting and staining scenic pieces.
- Worked on site for various types of events doing custom installs, hanging lights, and rigging.
- Assisted in the loading of trucks going to site.

## **Show Responsibilities at CCM**

August 2018- Present

Technical Director; Assistant Technical Director; Master Carpenter; Automation Integration; Automation Operator; Automation Programming; Automation Troubleshooting and Repair Flyman; Welder; Spot Op; Carpenter; Scenic Run Crew; Load-Ins and Strikes; Wigs, Make-Up, and Costume Run Crew

## **Carpenter, Design Foundry**

June 2018- August 2018

Worked in fabrication, as well as loading in high-end events in Washington, DC.

## **Stagehand, I.M.P Concerts (9:30 Club, The Anthem)**

June 2018- July 2018

Served as a stagehand helping load-in and strike various artists including: Janelle Monáe, Arctic Monkeys, Greta Van Fleet, and others.