

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 Programing with Allen-Bradley (Rockwell) RSLogix 500
- Pneumatics Plumbing and System Design
- Programing with Arduino
- Microsoft Office Suite
- Rigging
- Electrical Control Theory
- Adobe Creative Cloud
- Troubleshooting Siemens Control Cabinets
- Creative Conners Spikemark
- CNC Operations with vCarve
- Soldering
- Basic Networking
- Furniture Design and Fabrication

Work Experience:

Mechanical Designer, Entertainment Project Services

November 2022 – Present

Seasonal Rigger, Enchant Christmas

October 2022 – November 2022

- Provided safe overhead lifting solutions for the installation of the world's largest Christmas light maze and village at Resorts World Las Vegas.

Rotational Automation Technician, Cirque du Soleil

March 2022 - August 2022

- 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* for electrical and hydraulic systems.
- Ran the automation console for artist trainings.

Freelance 3D Printing and Modeling

August 2015 – March 2022

- 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.
- Led 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 – April 2022

Technical Director; Assistant Technical Director; Master Carpenter; Automation Integration; Automation Operator; Automation Programming; Automation Troubleshooting and Repair; Flyman; Welder; Rigger; 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.