

John Musarra

Lighting and Projection

Employment History

December 2020 - October 2021

Meow Wolf 'Omega Mart' - Tech Maintenance

Responsible for final build and ongoing maintenance of lighting, audio, and projection elements of large immersive art installation.

March 2015 - March 2020

Stage House - Head of Electrics

Led all lighting and automation aspects on large-scale projects at Las Vegas scenic shop. Designed and manufactured new power distribution systems for integrated LED lighting. Implemented and administered inventory tracking system for warehouse operations

March 2011 - November 2014

Cirque du Soleil 'Criss Angel BeLIEve' - Lighting and Projections technician

Lighting operator - running GrandMA console with 100+ moving light rig; operating Hippotizer and Coolux media servers driving 17 Christie S+20 projectors. Designed and built custom show-control interface in Coolux Widget Designer

2001 - 2013

St Thomas More Summer Theatre - Resident Lighting Designer

Designed and supervised complete theatrical lighting installation for annual summer season at nonprofit charitable theatre company

December 2010 - June 2011

Rok Vegas nightclub - Lighting and Projections operator

Responsible for programming and operation of GrandMA Series 1 console and High End Axon media servers in Steve Lieberman - designed Las Vegas Strip nightclub

August 2007 - July 2008

Philadelphia Theatre Company - Master Electrician

Responsible for all lighting operations at LORT-D regional theatre, during premiere season in newly-constructed venue. Worked with consultants, contractors, and vendors during final stages of theatre construction

March 2006 - June 2007

Feld Entertainment / Disney on Ice - Assistant Lighting Technician

Worked as part of 5-person electrics and pyro crew on load-ins and weeklong show runs on national arena tour

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Skills

- Scenic automation construction and operation
- IP network implementation and troubleshooting
- Soldering and electronics work
- Moving light operation, maintenance, and repair
- Coolux Pandora's Box and Widget Designer programming
- Lighting console operation and programming - experienced on Eos family, MA Series 1, Avo Pearl, and Hog 2&3
- Software: Mac/Linux/Windows, MS Office, Sketch, Jasper Studio, Python, Lightwright, MySQL, Arduino, Cisco IOS, OSC, Qlab, Flex, PJLink, Git

Training and Certifications

- OSHA 30-hour General Industry
- Flex Rental Solutions user conference, 2018
- ACT Lighting - GrandMA Series 1 advanced programming class - 2012
- ETC Factory training - Eos family consoles - 2007, 2011, 2012, 2013
- Vari*Lite certified technician - 3000 and 3500 series fixtures - 2011
- Martin certified technician, Mac700 and Mac2000 fixtures - 2011
- Member, ESTA Technical Standards Program, Control Protocols working group - 2012 to present