John Musarra
Lighting and Projection

Employment History

March 2015 - March 2020

Stage House - Head of Electrics

Led all lighting and automation aspects of large-scale projects at Las Vegas scenic shop. Designed and manufactured new power distribution systems for integrated LED lighting. Implemented 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

Design and supervise 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

September 2002 - June 2005

Arden Theatre Company - Master Electrician

Responsible for all lighting operations in a LORT-D regional theatre for 6-show season across two stages

Email	john@mightymu.net
Phone	(215) 867-9090
Address	8767 Firecracker Ct
	Las Vegas NV 89148
Web	https://jmusarra.github.io

Skills

- Network design and implementation
- 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: Windows/Mac/Linux, MS Office, Sketch, Lightwright, MySQL, Arduino, Cisco IOS, OSC, Qlab, Flex
- DMX/RDM network design, implementation, and troubleshooting

Training and Certifications

- 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, Mac 700 and Mac 2000 fixtures - 2011
- Member, ESTA Technical Standards Program, Control Protocols working group, 2012 - present

Interests