

# John Musarra

## Lighting and Projection

### Employment History

#### March 2011 - present

Cirque du Soleil 'Criss Angel BeLIEve' - Lighting and Projection 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 - present

STM 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.

#### January 2010 - November 2010

Fox Tucson Theatre - Lead Lighting Technician

All lighting duties for resident productions, touring acts, and special events in recently-renovated theatre, working with Avolites Pearl and mixed conventional and ML rig.

#### 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.

#### August 2007

Philadelphia Live Arts Festival - Venue Manager

Managed all technical aspects for headline venue; coordinated with artists & Festival staff to ensure smooth load-ins and shows.

#### 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 LORT-D regional theatre for 6-show season across two stages.

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### Training and Certifications

- Vari\*Lite certified technician - 3000 and 3500 series fixtures - 2011
- Martin certified technician - Mac 700 and Mac 2000s - 2011
- ACT Lighting - GrandMA Series 1 advanced programming class - 2012
- ETC factory training - Eos family consoles - 2007, 2011, 2012, 2013
- Member, PLASA Technical Standards Program Control Protocols working group since 2012

### Skills

- TCP/IP network design, implementation, and troubleshooting
- Moving light operation, maintenance, and repair
- Christie projector maintenance and operation
- Coolux Widget Designer and Pandora's box programming
- Lighting console operation and programming - experienced on Eos family, MA Series 1, Avo Pearl, and Hog 2&3
- Software: Vectorworks, Lightwright, MS Office, MacOS, Linux, Windows, Arduino
- DMX / RDM / ACN network design and implementation

### Interests

Hiking / backpacking, technology, dogs, travel, bicycling, control networks, beer, the great outdoors, jokes, mountaineering, machine behavior, learning, food, electronics, networking, sitting back at the end of a day of work and admiring what we've done.