

NICHOLAS P. FREELY
CONTROL SYSTEMS ENGINEER/ TECHNICIAN
NPFREELY@GMAIL.COM (845) 987-9275

PROFESSIONAL EXPERIENCE

Fall 2010 - Present **PRG Scenic Technologies**
New Windsor, NY

Automation Control Engineer/ Technician

Design and build custom automation systems for custom built mechanical systems. Work within set budget restraints and have direct contact with the client to resolve any issues and changes made to the design of the system. Troubleshoot and fix problems that occur with the PRG Stage Command System on Broadway and throughout the United States and foreign countries. Train operators how to cue and run a show, while maintaining the system. Make updates and changes to PLC and CLX logic. Shows Include: Mary Poppins National Tour, Mary Poppins Networks Tour, Pro Light and Sound Frankfurt, Germany, Spiderman Turn off the Dark, Macy's Holiday Windows, Book of Mormon 1st National Tour, and Pan American Games, Guadalajara Mexico.

Summer 09—10 **PRG Scenic Technologies**
New Windsor, NY

Automation Control Technician

Prep and Test PRG Stage Command System, Teach operators how to service both AC and DC drives, Teach operators how to run and trouble shoot PRG Commander Console. Will travel to help tech and trouble shoot shows for productions and have encounter issues. Shows include: Taylor Swift Tour, Spiderman, Memphis, Promises, Radio City Christmas Show, Plaza, LDI, Rio Las Vegas, and Book of Mormon.

Fall 08—09 **PRG Scenic Technologies**
New Windsor, NY

Set Electrics Supervisor

Crew Supervision while installing set electric components, including LEDS and power supplies, producing wiring diagrams. Shows include: Pal Joey, Guys and Dolls, Mary Poppins National Tour, Peep Show, and Radio City Christmas Tour.

Summer 2008 **PRG Scenic Technologies**
New Windsor, NY

Automation Intern

Learning PLC programming and control, set up of PRG Stage Command System, Learning power restrictions and material usage, construction of PRG SRS Slim Line Winches, Writing cues. Shows include: 9 to 5, Shrek, Toyota Canada and Las Vegas, Wicked National Tour, Chitty Chitty Bang Bang Tour, and GM London Car Drop.

Summer 06-07 **PRG Scenic Technologies**
New Windsor, NY

Shop Intern

Learning commercial shop practices, commercial carpentry techniques, mig and stick welding, installing rigging of chain motors and functioning practices, installing of various deck tracks and rigging. Shows include: Phantom of the Opera Tour, High School Musical Tour, 700 Sundays Tour, Toyota/Lexus Hawaii, The Producers Tour, and GM Detroit.

ACADEMIC EXPERIENCE

Spring 2009 **The Recital Hall**
Purchase, NY

Technical Director

Technical design of scenic units, producing AutoCAD drawings for scene shop of student carpenters, budgeting scenic materials, supervising an ATD, Flyman, Master Carpenter, along with load in and load out crews. Shows include: Gianni Schicchi, Confessions, and Sour Angelica

PROFESSIONAL TRAINING / EDUCATION

- BFA in Stage Technical Direction; Professional Training Program in Design/Technology, Conservatory of Theatre Arts & Film, Purchase College, State University of New York, May 2009
- IATSE Local 311 Card Holder
- OSHA 10 Hour Certified

SPECIAL SKILLS

- Working Knowledge of Carpentry Tools and Equipment
- Working Knowledge of Electrical Tools and Equipment
- Mig and Stick Welding of both Steel and Aluminum
- OSHA Aerial Lift Safety Certified
- Microsoft Office Professional
- 2D and 3D AutoCAD and Inventor

REFERENCES:

Dan Hanessian
Director of Production
Purchase College, SUNY
(914) 251-6854

Daniel Michelbrink
President
CMG Management Group
(386) 314-6313

James Lehner
Senior VP—Design & Construction,
Global Special Projects
PRG Scenic Technologies
(845) 567-5740

