

Colin Nickel

colinnickel0@gmail.com

Technical Designer

(848) 202-6859

Professional Experience

Empire Technical Fabrication-Wayne, NJ	Scenic Carpenter	Dec 2019-Present
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I-beam grid fabrication and installation, scenic carpentry, CNC machine installation and operation.
Projects Include: *Emojiland-The Duke on 42nd Street*, I-beam grid-*Avant Gardner*, *Diana-Longacre Theater*

Production Glue-New York, NY	Technical Drafting Internship	Sept 2019-Present
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Technical design for events, television, and experiential marketing. Created large event layouts in a variety of venues. Developed quick deployment marketing kiosks within strict design tolerances. Designed layouts for television shoots.
Projects Include: *#Tweetshop*, *NYP 2019*, *Facebook Holiday Party*, *Ascend Wellness Center*, *NBPA Office Redesign*

Showman Fabricators-Bayonne, NJ	Design and Engineering Internship	May-Aug 2019
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Created technical designs for broadcast television, cruise line live entertainment, theater, and experiential marketing. Worked with engineers and designers to develop structural scenic elements. Worked with a CNC tube laser, laser cutter, waterjet, router, press brake, and a 3d foam mill. Surveyed jobsites and created 2D and 3D models for designer clients.
Projects Include: *Norwegian Cruise Lines-Encore* laser tag arena, *CBS-Drew Barrymore Show* news studio, *Puma Engagement Zone*, Starbucks-leadership conference coffee bar, *King's Theater-transportation carts*

Rose Brand-Secaucus, NJ	Rigging Technician Internship	June-Aug 2018
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Rigging automation and fabrication. Theater, event, and sports rigging installation. Worked on research and development of these systems in the shop and installed in the field. Developed tooling and jigs for fabricating UniBeam track hardware.
Projects Include: Ride projector lift-*Disney World*, theater grid-*Shoji Tabuchi*, *Daer Night Club-Hard Rock Casino*

Tom Carroll Scenery-Jersey City, NJ	Draftsman, Welder	May 2018, Dec-Jan 2019
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Technical drafting, steel and aluminum welding and fabrication, scenic automation, scenic carpentry. Built turntables and pneumatically driven wagons. Developed 3D CAD dynamic block hardware library.
Projects Include: *Mean Girls-Tony Awards*, *Flight-Des Moines Metro Opera*, *Cake-NYC Center Stage I*,

The Gateway Playhouse-Bellport, LI	Carpentry Internship	May-Aug 2017
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Steel welding and fabrication, scenic carpentry, theatrical rigging, theatrical automation. Built tracked winch driven bandstands and articulating animal puppets. Installed automated circus sets and turntables.
Projects Include: *Rent*, *Swing*, *On the Town*, *Mama Mia*, *Cirque De Eloize*, *Little Shop of Horrors*, *Lion King*

Educational Experience

Purchase Repertory Theater-Purchase, NY	Technical Director	Oct-Dec 2019
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Supervised the processing and installation of 20 yd³ of soil into a tension grid theater for the production of *Fen*. Developed a technical design for seamless mirror walls that flew in and out of the soil.

Related Skills

Proficient in 3D Autocad, steel and aluminum MIG welding, theatrical rigging, stage carpentry, and blacksmithing
Knowledge of Autodesk Inventor, Fusion 360, 3D Vectorworks, theatrical automation, and 3D printing
Proficient in Microsoft Office Suite, Adobe Creative Suite, Sigmanest, Right Angle, Mach 3, and Ultimaker Cura
Scissor lift OSHA certified, American Red Cross CPR, first aid, and AED certified

Professional Training

BFA in Technical Direction/Production Management, Professional Training Program in Design/Technology, Conservatory of Theater Arts, School of the Arts, Purchase College, SUNY, anticipated May 2020
Independent study with Gene O'Donovan-founder of Aurora Productions and Hudson Scenic, in welding fabrication

References

Mike Riccio Director Of Design And Engineering Showman Fabricators Mriccio@Showfab.Com (718) 935-9899	Gene O'Donovan Production Technical Supervisor Purchase Design/Technology Gene.O'donovan@Purchase.Edu (917) 846-4067	Mark O'Brien Director Of Technical Services Rose Brand Mark.O'brien@Rosebrand.Com (201) 809-1730
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