

RAYMOND F. SHEA, PE

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PROFESSIONAL CREDENTIALS

NY State Licensed Professional Engineer · License No. 106596 · 2021

ESTA · ETCP Theatre Rigger # 4106 · 2020

ESTA · ETCP Entertainment Electrician # 2758 · 2017

Clicksafety.com, Walnut Creek, CA · OSHA 10 Hour Construction Industry Safety Certificate · 2016

Co-op Program with I.A.T.S.E. Local 1, New York, NY · NY State Department of Health Mobile Laser Operator Certificate · 1994

PROFESSIONAL MEMBERSHIPS

I.A.T.S.E. Local 74 · Southern Connecticut · Stagehand – Electrician, Carpenter · 2022 – present

I.A.T.S.E. Local 52 · New York, NY · Properties Department – Properties Department · 2016 – present

I.A.T.S.E. Local 21 · Newark, NJ · Stagehand – Electrician, Carpenter · 2015 – present

I.A.T.S.E. Local 59 · Hudson County, NJ · Stagehand – Electrician, Carpenter · 2020 – 2023

I.A.T.S.E. Local 534 · New Brunswick, NJ · Stagehand - Electrician, Projectionist, Flyman · 1993-1995

I.A.T.S.E. Local 642 · Hackensack, NJ · Stagehand - Electrician, Carpenter · 1993-1995

EDUCATION

Brooklyn Glass, Brooklyn, NY · Glass Blowing Workshop · 2022

Brooklyn Glass, Brooklyn, NY · 8 Week Neon Bending Workshop · 2016

Pride Equipment Corp., Islip, NY · Powered Industrial Truck & Telehandler Safety Course · 2016

Pride Equipment Corp., Islip, NY · Aerial Work Platform Safety Course · 2016

Rutgers University, Mason Gross School of the Arts, New Brunswick, NJ · M.F.A. (cand.)
Lighting Design · 1990-1992

Rutgers University, College of Engineering, New Brunswick, NJ · B.S. in Electrical Engineering · 1984-1988

AWARDS

Janice Levin Scholarship · Mason Gross School of the Arts · 1990-1992

INDUSTRY EXPERIENCE

Raymond F. Shea Design · Brielle, NJ · Principal · 1984 – present

Freelance theatrical, commercial and industrial design, specializing in lighting, scenic and projection design and visual arts.

Concept2Curtain Productions Brielle, NJ · Vice-President · 2012 – present

Creative director responsible for design and execution of entertainment events ranging from small restaurant and bar venues to large theatres and arenas. Responsibilities include lighting, scenic and sound design, coordinating technical requirements of talent and venue.

ShowMotion Inc. · Milford, CT · Mechanical designer · 2023 - present

Design and installation of automated scenic elements including electrical and hydraulic controlled systems. Programming and modification of existing control systems.

Gotham Scenic · North Bergen NJ · Lead fabricator, set electrics · 2017 – 2021

Installation of scenic electric elements including incandescent, LED and neon. Design and development of new electrical and mechanical control systems and mechanisms for custom applications.

PRG Scenic Technologies · New Windsor, NY · Lead fabricator, set electrics · 2016 – 2017

Installation of scenic electric elements including incandescent, LED and neon. Adaptation and redesign of scenic electric systems from European wiring and standards to NYC Fire and Electrical Code standards for Broadway productions.

Prop-n-Spoon, LLC · Rahway, NJ · Electrician, Carpenter, Metalworker · 2015 – 2016

Fabrication of props and scenery for Broadway, Off-Broadway, regional theatre, film and television. Responsibilities included construction, project design, estimating, co-ordination with designers and properties supervisors and on-site work.

Ocean County College Fine Arts Department · Toms River, NJ · Technical Supervisor, Resident Designer · 1992-1996, 2012-2015

Stagehand and supervisor for resident companies and touring productions in college theatre arts center. Freelance work as a designer for resident companies.

Ocean County Center for the Arts · Lakewood, NJ · House Electrician · 1986-1994

Supervised electrics for touring companies booked in the facility as well as resident users. Responsible for all production electrical requirements including rental generators as needed.

Union County Arts Center · Rahway, NJ · Technical Director, House Electrician · 1984-1990

Oversaw partial renovation of an abandoned theatre into a functioning regional arts center. Supervised the installation of a modern, functional lighting system and integrated it with parts of the original 1928 dimming and houselight system. Served as resident designer for local companies and

oversaw technical requirements and load ins for touring companies booked in the theatre.

TEACHING EXPERIENCE

Adjunct Instructor, Theatre Arts · Pt. Pleasant Beach High School, Pt. Pleasant Beach, NJ · 2010-2015

Developed production designs for theatre department productions, developed lighting designs, coordinated scenic construction, prop construction and sourcing. Instructed students in basic theatre technology and skills.

Adjunct Instructor, Theatre Arts · Robbinsville High School, Robbinsville, NJ · 2014-2015

Developed production designs for theatre department productions, coordinated scenic construction, prop construction and sourcing. Instructed students in basic theatre technology and skills.

Graduate Teaching Assistant, Theatre Arts · Mason Gross School of the Arts, New Brunswick, NJ · 1990-1992

Assisted professor, coordinated undergraduate student projects, provided undergraduate instruction in basic theatre technology and electrical skills.

RELATED EXPERIENCE

sandscripts.com, inc. T/A Sand Scripts/Ad-Bib · Owner / Partner · 1995- Present

Developed and maintained retail/wholesale e-commerce web sites for printed goods and ad specialty and promotional products. Developed new products and designed and produced a line of holiday greeting cards.

Ceil-Ray Corp. T/A Rahway Dairy Queen · Franchise Owner / Operator · 1984-1991

Owned and operated successful retail franchise business. Responsible for all areas of operation including planning, forecasting business projections, maintenance and customer service.

RELATED SKILLS

Vectorworks 2024, AutoCAD 2024, GX Works 2.0, Maple Systems EB Pro, Lightwright 5.0, ETC Eos and Expression console OS, CAD/CAM software, Microsoft Office, Adobe Creative Cloud Software Suite, EPA Section 608 Type II refrigerant certification, Welding: MIG, TIG, Gas and Stick

PUBLICATIONS AND PAPERS

Brielle - Saltworks to Suburb · The History Press · 2009

Images of America - Brielle · Arcadia Publishing · 2007

LANGUAGES

English - native language

Polish - read, speak and write with basic competence